ARCTIC DATA COMPILATION AND APPRAISAL
VOLUME 13 – PART 1
Northwest Passage: Biological Oceanography – Whales
1820 to 1984

by

P. Norton[1], L. de March[2] and B.D. Smiley[3]

[1]P.N. Research Projects
Edmonton, Alta.

[2]Freshwater Institute
Department of Fisheries and Oceans
Winnipeg, Man.

and

[3]Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, B.C.

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Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

CANADIAN DATA REPORT OF
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1820 to 1984

by

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[1]P.N. Research Projects
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[2]Freshwater Institute
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and

[3]Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, BC.

Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, B.C.
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PREFACE

These catalogues are produced by the Data Assessment Division at the Institute of Ocean Sciences and the Regulatory and Native Affairs Division at the Freshwater Institute. Joint government and industry contract projects have catalogued marine data sets, their focus being mainly on oceanography and fisheries. Data quality appraisals are included to assist in establishing the usefulness of given data for particular analyses or purposes. The ratings also determine the confidence that can be placed on interpretations incorporating those data.

The appraisals will assist in establishing priorities for incorporating the most useful data in the national Marine Environmental Data Service (MEDS) archives. Additional uses of the catalogues include the provision of the best available resume of marine data sources for research planning, environmental assessments, land use planning, regulatory approvals and operational procedures.

In the past, the pace of offshore development activity has emphasized the need to review the sufficiency and suitability of available scientific information for design, regulatory and planning purposes. The review is a three-stage process: 1) compilation and appraisal of the existing data sets; 2) analysis of the suitability of existing data sets for contributing answers to questions of concern; and, 3) analysis and interpretation of data and estimation of scientific confidence in the answer to the particular question. This whale catalogue for the Northwest Passage represents part of the results of the first stage.

Brian Smiley and Larry de March
Scientific Editors
Arctic Data Compilation and Appraisal
Series

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ABSTRACT

Norton, P., L. de March and B.D. Smiley. 1987. Arctic Data Compilation and Appraisal. Volume 13. Northwest Passage: Biological Oceanography-Whales, 1820 to 1984. Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 13, Part 1, 244 p., Part 2, 487 p.).

This volume is one of a group of catalogues designed to compile and appraise marine data sets for the Canadian Arctic. For user convenience, the group has been organized with its subject matter divided into three general disciplines: physics, chemistry and biology. The Arctic has been arbitrarily divided into seven geographical areas incorporating, where possible, major oceanographic regions. The format throughout has been structured to facilitate comparison among subjects and regions. With such a large undertaking, it is not possible to provide all reports at once. Therefore, catalogues which are presently available in the series are indicated on the inside back cover of each volume.

Data collection is a continuing process and further updates of the catalogues are planned. Readers are requested to submit corrections and additions by writing the issuing establishment. Such corrections will be incorporated in on-line computerized data set listings and will be continuously available upon request.

SOMMAIRE

Norton, P., L. de March and B.D. Smiley. 1987. Arctic Data Compilation and Appraisal. Volume 13. Northwest Passage: Biological Oceanography-Whales, 1820 to 1984. Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 13, Part 1, 244 p., Part 2, 487 p.).

Le présent volume fait partie d'un groupe de catalogues destinés à compiler et à évaluer lés séries de données marines sur l'Arctique canadien. Pour plus de commodité, la question traitée est structurée en trois grandes disciplines: physique, chimie et biologie. L'Arctique a été divisé arbitrairement en sept régions géographiques qui englobent autant que possible les grandes régions océanographiques. Les catalogues sont présentés de façon à faciliter la comparaison entre les sujets et les régions. Le domaine est si vaste qui'il est impossible de fournir tous les catalogues en une seule fois. Les catalogues de la série actuellement disponibles sont indiqués à la fin de chaque volume à l'interieur de la couverture.

La collecte des données est un processus permanent et il est prévu de mettre à jour les catalogues par la suite. Les lecteurs sont invités à soumettre par écrit les corrections et les additions à l'établissement auteur. Ces corrections seront traitées en direct sur ordinateur et incorporées aux listages qui pourront être obtenus sur demande.

ACKNOWLEDGEMENTS

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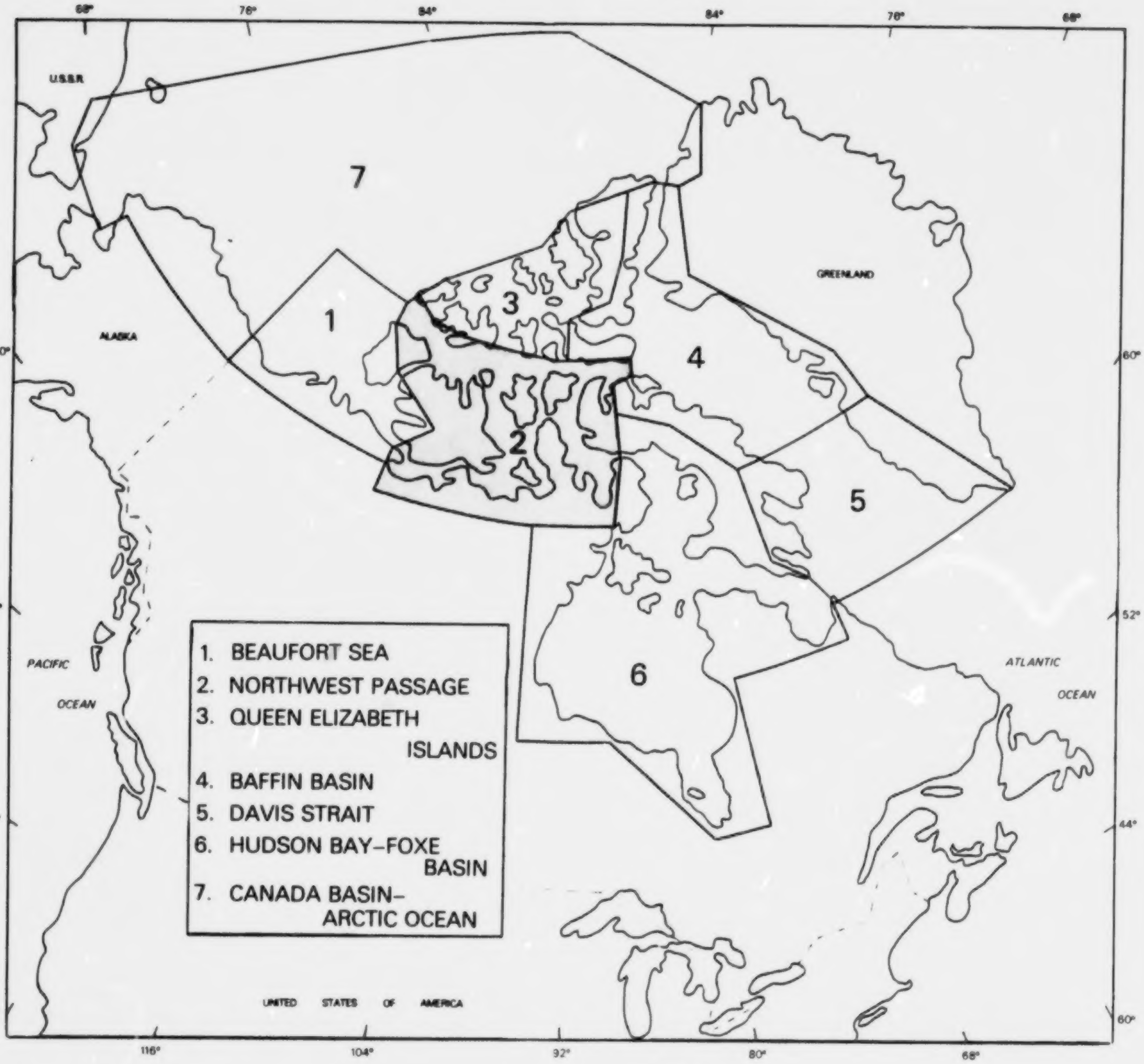
ARCTIC DATA COMPILATION AND APPRAISAL

VOLUME 13 - PART 1

NORTHWEST PASSAGE: BIOLOGICAL OCEANOGRAPHY - WHALES

1820 to 1984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68°
U.S.S.R.
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GREENLAND
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ALASKA
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60°
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52°
52°
PACIFIC
OCEAN
ATLANTIC
OCEAN
44°
44°
1. BEAUFORT SEA
2. NORTHWEST PASSAGE
3. QUEEN ELIZABETH ISLANDS
4. BAFFIN BASIN
5. DAVIS STRAIT
6. HUDSON BAY-FOXE BASIN
7. CANADA BASIN-ARCTIC OCEAN
UNITED STATES OF AMERICA
124°
60°
116°
104°
92°
80°
68°

This inventory includes data collected on whales within the shaded area. Other inventories in this series are available for the indicated study areas.

Volume 13: Northwest Passage: Whales

VOLUME ABSTRACT

This data report is an inventory of measurements and observations of narwhal, white whales, bowhead whales and killer whales in the Northwest Passage. Measurements most commonly reported concern numbers, identification, movements, reproduction, food, and colour. Organization within this inventory is by data set (measurements and observations made by one group of people for a particular purpose, generally within one year). In all, 143 data sets were inventoried for the 1820 to 1984 period. Times and locations of sampling efforts are listed in tables and also are shown on computer-drawn maps. Sampling methodology and intensity, whale measurements and observations obtained by species, and concurrent biological, physical, and chemical measurements are described in the tables. A five-level rating system, based on sampling methodology, is outlined and has been applied to each measurement in each data set as a rough indication of the data's reliability. Data sets are indexed according to geographic coverage, study methods, species, specific measurements and observations made, and published references. The form, location, and availability of original data is given if known.

Key words: age, behaviour, food, identification, inventory, morphometrics, movements, Northwest Passage, number, parasites, reproduction, whales

1. INTRODUCTION

This inventory contains 143 data sets which have or could have information on whales in the Northwest Passage area for the period 1820 to 1984. Three species of whales reside in the area during the open-water period -- narwhal (Monodon monoceros), white whale (Delphinapterus leucas), and bowhead whale (Balaena mysticetus). Killer whales (Orcinus orca) are recorded occasionally in the area.

Potential data sources and details of known studies were obtained by questioning researchers working in the area and by examining references in published reports and papers. Original data were not available for review for any data sets.

This inventory provides the following details of each study: time and location, agencies involved, specific whale measurements/observations and concurrent measurements made, study methods, and sampling effort. Reliability ratings are given for each whale measurement/observation in each data set.

This is an ongoing project. Information on additional data sets and on errors and omissions in this catalogue should be submitted in writing to the issuing Institutes.

2. STUDY AREA

The study area includes the Northwest Passage and most of the marine areas south. Study area boundaries and many geographic locations are indicated in Figure 2.1. The general locations of small bays and inlets are given in the Geographic Index. Seven permanent communities and numerous temporary hunting camps are within the specified boundaries. The seven communities, from east to west, are Arctic Bay, Pelly Bay, Spence Bay, Resolute Bay, Gjoa Haven, Cambridge Bay and Coppermine.

Whale harvest studies seldom indicate a specific hunting area. Data sets with information on whale hunts list either the large area where hunting may have occurred or the communities where the hunters were interviewed.

3. DATA COVERAGE

This inventory includes every known whale study conducted prior to, and including, 1984.

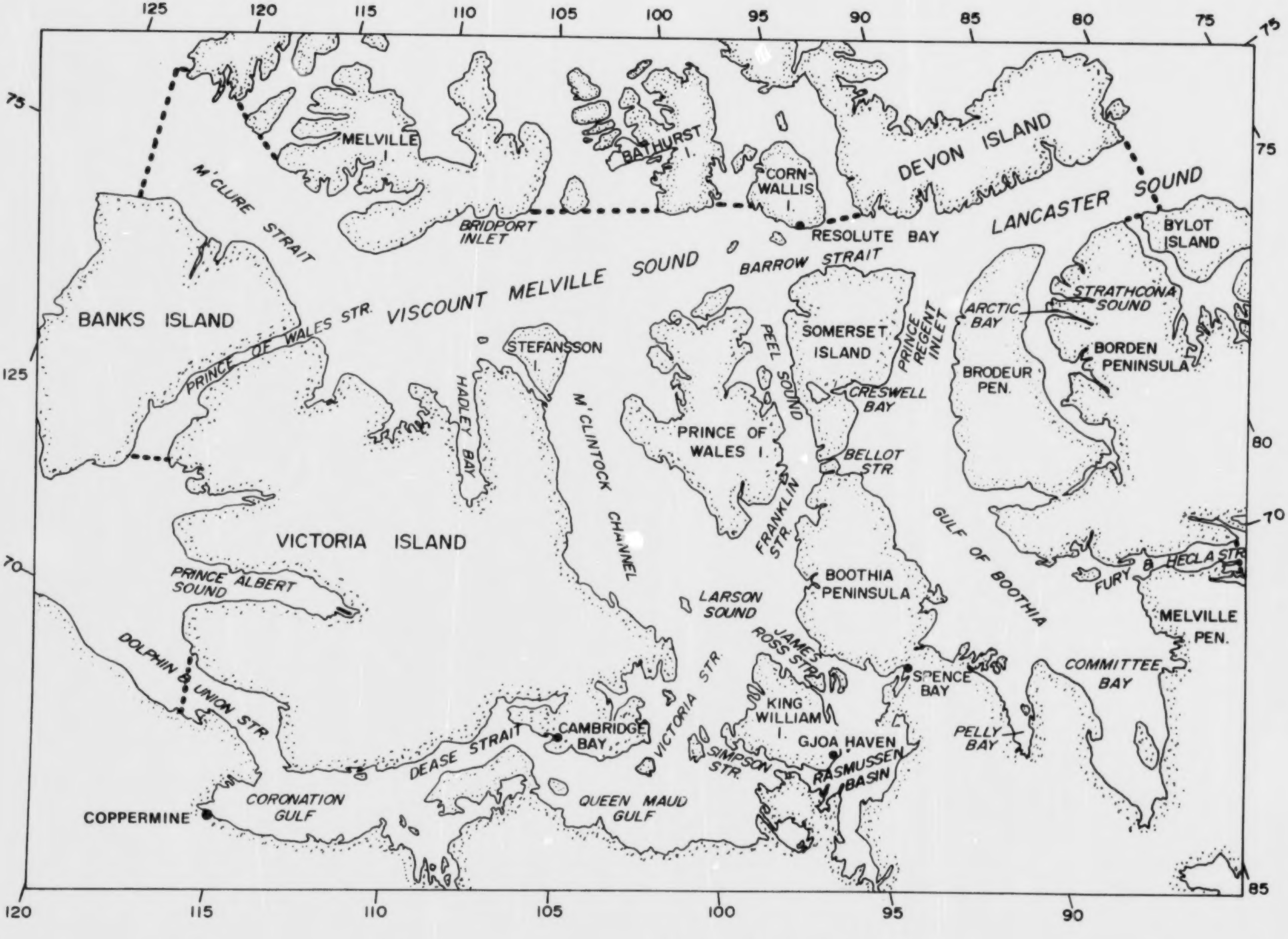
3.1 TEMPORAL COVERAGE

The number of studies conducted each year in the Northwest Passage area has varied. The most intense period of activity for which details of the studies are readily available was 1975 to 1979 (Fig. 3.1). The first study was in 1820. Studies conducted prior to 1900 were reconnaissance vessel surveys by whalers; the few logbooks or journals that survive from this period are available only in British museums and universities and were not examined for this inventory. Thus, the study effect prior to 1900 is under-represented in Figure 3.1.

Relatively few studies occurred during the 1900 to 1949 period. The studies that were undertaken were usually natural history expeditions to determine the natural history (flora and fauna) of the area. Hudson Bay Company's post managers often recorded wildlife sightings as well as the number of skins traded at the posts. Vessel supply missions to the settlements started in the 1920s. By 1946, wildlife observers were included in the vessels' crews, and helicopter reconnaissance surveys were flown to determine ice conditions and aid in the supply missions.

Interest in the Arctic increased in the 1950s and 1960s. Distant Early Warning (DEW line) sites were established and maintained. Royal Canadian Mounted Police (RCMP) interviewed people in the communities to determine harvest levels for many species, including narwhals and white whales. The Department of Indian and Northern Affairs (now Indian Affairs and Northern Development) sent researchers into the field to interview residents and survey uninhabited areas. In the early 1970s, more extensive and rigorous studies were undertaken; the reports based on these studies provide more details of the methodology and results.

In June 1974, Mineral Resources International Limited was given permission by the Government of Canada to develop a lead-zinc mine at Strathcona Sound. Oil exploration started in areas adjacent to the Northwest Passage region in the 1970s. Many of the studies conducted after 1973 were to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MELVILLE I.
BATHURST I.
CORN-WALLIS I.
DEVON ISLAND
LANCASTER SOUND
BYLOT ISLAND
M'CLURE STRAIT
BRIDPORT INLET
RESOLUTE BAY
BARROW STRAIT
BANKS ISLAND
PRINCE OF WALES STR.
VISCOUNT MELVILLE SOUND
STEFANSSON I.
SOMERSET ISLAND
PRINCE REGENT INLET
ARCTIC BAY
STRATHCONA SOUND
BORDEN PENINSULA
BRODEUR PEN.
HADLEY BAY
M'CLINTOCK CHANNEL
PEEL SOUND
PRINCE OF WALES I.
CRESWELL BAY
BELLOT STR.
FRANKLIN STR.
VICTORIA ISLAND
PRINCE ALBERT SOUND
BOOTHIA PENINSULA
GULF OF BOOTHIA
FURY & HECLA STR.
MELVILLE PEN.
LARSON SOUND
JAMES ROSS STR.
DOLPHIN & UNION STR.
SPENCE BAY
COMMITTEE BAY
KING WILLIAM I.
VICTORIA STR.
PELLY BAY
DEASE STRAIT
CAMBRIDGE BAY
GJOA HAVEN
SIMPSON STR.
RASMUSSEN BASIN
CORONATION GULF
COPPERMINE
QUEEN MAUD GULF

Figure 2.1 Northwest Passage data compilation study area.

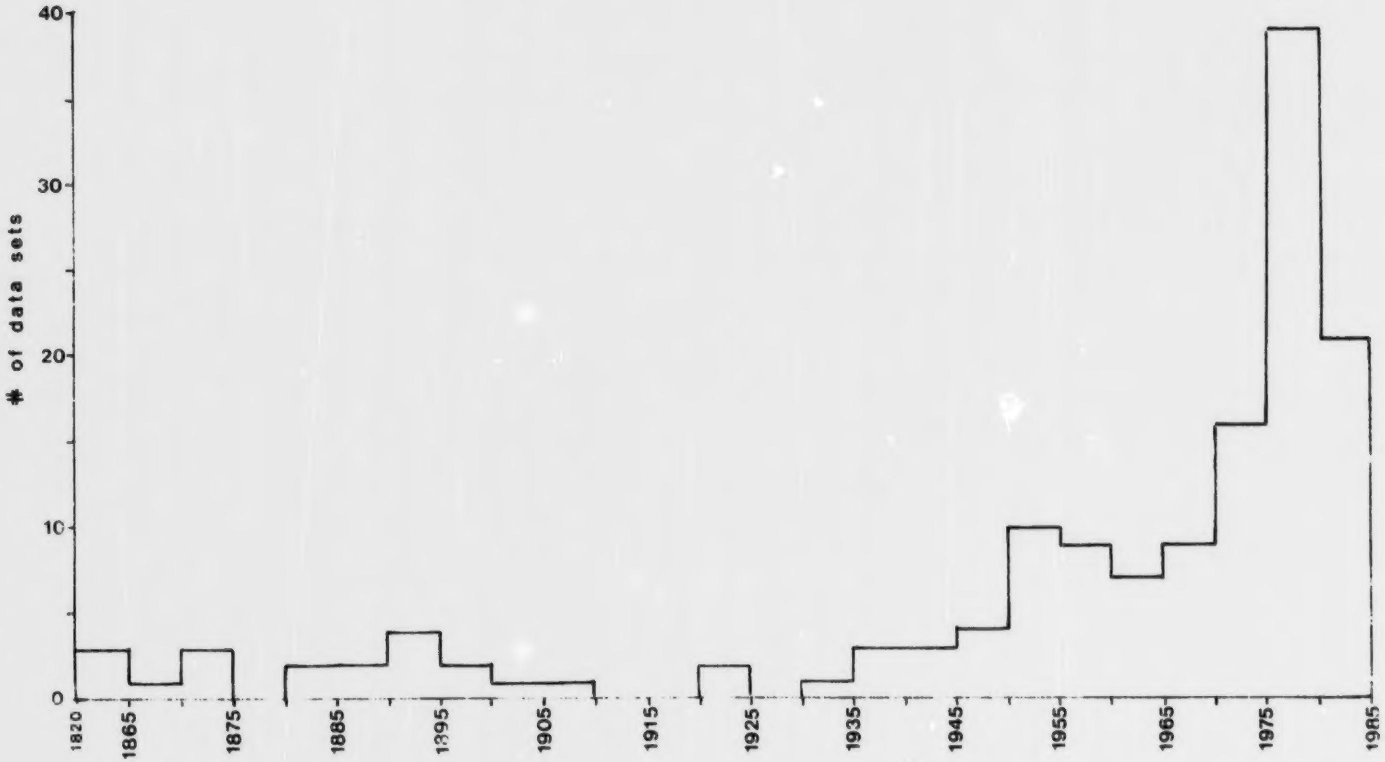


Figure 3.1 Number of studies conducted in the Northwest Passage area, by five-year intervals.

determine the distribution, abundance, movement and behaviour of marine mammals both in the area and along proposed shipping routes, and to determine possible reactions by the animals to marine traffic. Many of these studies were funded jointly by government and private industry.

Temporal coverage varied among the seasons (Fig. 3.2). Most of the effort was concentrated in the open-water season (July to September), although several polar bear studies which include incidental whale observations were conducted during the March to May period. Several studies were done along the ice edge in May to June. A few of the early natural history expeditions over-wintered in the area.

3.2 GEOGRAPHICAL COVERAGE

Most effort has been expended on the eastern half of the Northwest Passage -- Lancaster Sound and Barrow Strait -- and in areas where whales concentrate during the summer, such as Admiralty Inlet (narwhals), Creswell Bay (white whales), Cunningham Inlet (white whales), and Prince Regent Inlet (white whales). In general, the southern half of the area, e.g., Committee Bay, Rasmussen Basin, Queen Maud Gulf, Dease Strait, Coronation Gulf, and Dolphin and Union Strait was seldom surveyed; whales are generally thought to be uncommon in these areas.

3.3 DATA COVERAGE BY STUDY METHOD

The most common observation platform was an aircraft; reconnaissance aerial surveys were included in 57 data sets and systematic aerial surveys, in 23. (Many studies include both reconnaissance and systematic aerial surveys.) Vessels were the second most common observation platform; 41 data sets included reconnaissance vessel surveys and four included vessel watches. Shore watches were reported in 34 data sets. Ice was infrequently used as a platform; reconnaissance ice surveys were a part of eight data sets, and ice watches, of five data sets.

Hunters' interviews were conducted as part of 16 data sets, but this figure is probably low. At least 15 data sets for which no method was specified probably included community (and therefore, hunter) interviews. Also, the four data sets that were based on observations of Hudson Bay Company managers likely included information from hunters. Seven data sets involved examination (in the field and/or in the laboratory) of harvested whales, either intact or as partial specimens. Incidental reports were documented in 22 data sets.

Study methods were not specified for 25 data sets. This figure includes 15 data sets which probably included community interviews and the four data sets based on observations of Hudson Bay Company managers.

3.4 DATA COVERAGE BY MEASUREMENT

The most common measurements were # of whales seen/location and # of whales landed. In addition, # of calves, # of whales/group, presence of tusk and heading were also commonly reported. Six data sets reported stomach contents; eight other data sets reported food items for a particular species,

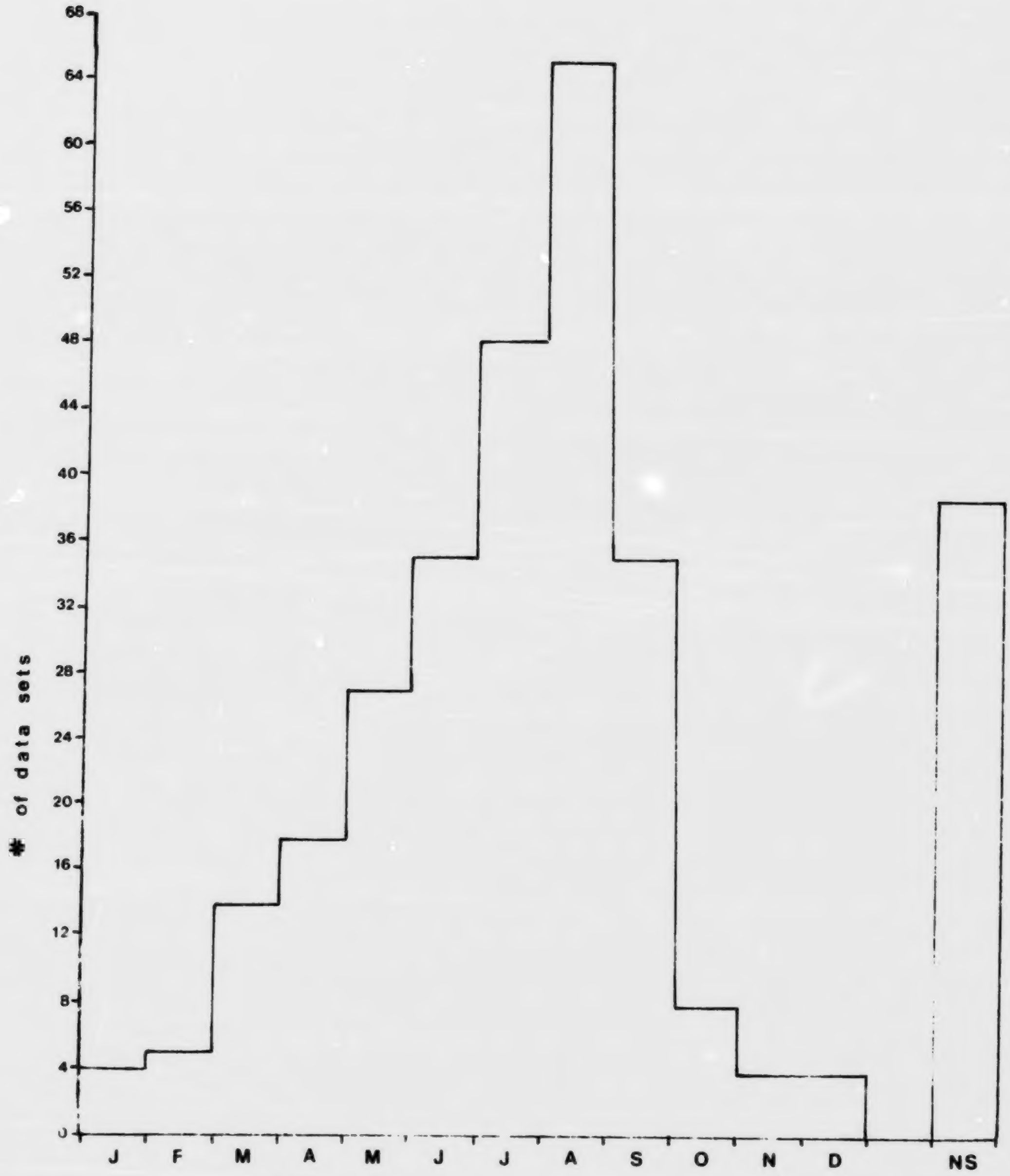


Figure 3.2 Seasonal distribution of sampling effort in the Northwest Passage area.

and presumably some of this information was based on analyses of stomach contents. Measurements of colour and scar patterns were included in several data sets.

Most types of morphometric measurements were found in only one or two data sets. Except for presence of tusk, reproductive measurements were also rarely included. Few behavioural observations are reported, although this may be misleading. Behavioural measurements are often not included in a report unless the study was designed to examine behaviour; behavioural measurements may have been found if original data had been examined.

4. STUDY METHODS

4.1 AERIAL SURVEYS

The procedures followed during reconnaissance and systematic aerial surveys were very similar, and usually only the determination of the placement of the flight line differ. Many studies involved both a systematic aerial survey, such as flying parallel flight lines across Lancaster Sound, and reconnaissance flights along the shore line and/or ice edge.

Helicopters and fixed-wing aircraft were used; the most commonly-used aircraft were the Bell 206 helicopter (13 data sets) and the Twin Otter fixed-wing plane (19 data sets). Two studies were done using a Hughes 500 and one, an Alouette II. A Cessna 337 was used in eight studies, a Lancaster in three, a Beaver in two, and a Single Otter in one. Of the 17 studies which did not indicate the type of aircraft flown, most probably were conducted using a Bell 206.

Survey altitude for most whale or seal aerial surveys was between 90 and 500m. Some of the earlier data sets involved surveys for birds or marine mammals other than whales, and so the altitude was 90m or lower. During most of the studies conducted since 1979, aircraft maintained an altitude of at least 152m and usually 300-500m. Planned aircraft speeds varied from 185 to 200km/h. Inadequate or excessive compensation for wind resulted in lower or higher plane speeds than planned. In the earlier studies involving aircraft flights, no planned transect widths were indicated. In more recent studies, transect width varied from 400 to 1600m, but usually was 800m.

Aerial photography was a component of 10 studies. The first one, in 1973, used a Wild RC8 camera with a 152.5mm lens and four different types of film. The photographs were examined using a binocular zoom (7-30X) microscope. Nine subsequent studies included aerial photography, five during reconnaissance surveys and four during systematic surveys. Two studies used the Wild RC8 camera with a 152.5mm lens, two used a Lindhoff Aero Teknica camera with a 90mm lens, and one used a 6x7cm SLR camera. Both Ektachrome 400 and Kodak 2445 Aerocolor film were used. No details were available for three of the studies. In one study, a Senior Telemaster model airplane equipped with a 35mm Olympus OM1 camera with a 24mm or 50mm lens and a motor drive and loaded with Ektachrome 200 film photographed white whale concentrations; some difficulty was encountered in maintaining the model airplane at a constant altitude.

4.2 ICE SURVEYS AND WATCHES

Most ice reconnaissance surveys involved trained dogs, either to transport the men and equipment (early studies) or to sniff out seal lairs (1970 studies). A skidoo was used during one study. Few other details are available for ice reconnaissance data sets.

Ice watches were included in two data sets which also involved ice reconnaissance surveys, but no details were indicated. Three studies during the 1980s have included ice watches. One study involved ice watches of short duration to observe a narwhal hunt; during the other two, a camp was maintained near the ice edge to observe whale behaviour before, during, and after an icebreaker passed through the area. Watches were continuous for the specified time periods.

Hydroacoustic techniques were included as part of the two data sets, during which ice camps were maintained. Equipment used included: Sony TC-D5M, Sony WM-D6 Pro-Walkman and Fostex 250 cassette tape recorders and H56 and bender hydrophones in the field to record whale sounds, and a Hewlett-Packard 9816 computer system, Spectrum Color real-time analyzer and Kay Electric 7029A analyzer in the laboratory to analyze the recordings. The brand of audiotapes used was not specified.

4.3 SHORE WATCHES

Shore watches were generally maintained in areas where either whales concentrate or migrate through, such as Admiralty Inlet, Bellot Strait, Cape Hay, Creswell Bay and Cunningham Inlet. Most data sets indicated the observation periods/day that the watch was maintained. During an early (1957) study, marine mammal counts were made for 15 minutes/hour and then multiplied by four, but recent studies have included continuous monitoring periods. Observation and habitat conditions, such as visibility, precipitation, wind speed and direction, and ice cover were generally recorded. Some data sets indicated the extent of the area under observation, but others did not. Observation sites were usually either on top of a cliff or a tower, and height above sea level was indicated.

A continuing study at Cunningham Inlet has included both photography and hydroacoustics, but specific details of the methods and equipment used are not available.

4.4 VESSEL SURVEYS AND WATCHES

Whale observation studies were conducted using a variety of vessels, from 400-ton whaling schooners and supply vessels to canoes and zodiaks. No details on height of observation platform, speed maintained or transect width are available for any of the reconnaissance surveys or the watches.

4.5 HUNTERS' INTERVIEWS

Few details other than the community where the interviews occurred were provided for most data sets. The number of active hunters interviewed and the questions asked were not usually indicated. One of the 1984 data sets used a standard, specified format, which included questions on weather, habitat where the hunt occurred, time and number of hunters, and number of whales seen, struck, lost and landed. Information on hunting procedures was also obtained.

4.6 EXAMINATION OF HARVESTED WHALES

Methods used when examining landed whales in the field or sections or parts of whales in the laboratory were usually well defined. The exact measurement obtained (e.g., following the curvature of the body or straightline) was specified, the units used were standardized, the equipment was described, and storage procedures were detailed, if applicable. Accuracy and precision of the measurement procedure were seldom indicated.

4.7 INCIDENTAL REPORTS

Many studies included observations reported by people not directly involved in the studies. Generally, no details were given on people interviewed, the platform from which observations were made, and the observation conditions during the sighting. The most serious omissions with incidental reports were details on the person's skill or experience in making whale observations, the duration of the observation period, and the extent of the area searched.

5. GENERAL INVENTORY LAYOUT

5.1 DATA SETS

A data set has been defined as the measurements and observations obtained during one study or one voyage for a particular purpose, using the same research team and similar methodologies, usually within one calendar year. Each data set has been assigned a unique six-digit identification number. The first two digits refer to the last two digits of the year during which the observations commenced (e.g., 78-xxxx commenced in 1978). The last four digits are arbitrarily assigned to that particular data set. Data sets of voyages during the 1800s have been designated by a subscript (e.g., $_{18}$20-xxxx is a voyage starting in 1820). A particular data set number applies to the same data set throughout all of the inventories of the Arctic Data Compilation and Appraisal Series. Since all data sets do not include all types of data (i.e., physics, chemistry, whales, seals, fish, benthos, and plankton), there are gaps in the sequence of data set numbers in this inventory.

5.2 INVENTORY ORGANIZATION

All data sets were treated as follows. First, the following information was obtained:

- collecting agency;
- funding agency;
- time period within the area boundaries; and
- geographical coverage.

Each data set was then carefully examined to determine which whale species were observed and which specific whale measurements and observations were made. Each specific measurement was assigned to one of the following measurement categories: Number, Identification, Morphometrics, Age (including colour), Reproduction, Food, Parasites, Movements, Behaviour, and Other. The specific whale measurements included in this inventory are given, by category, in Table 6.1 in section 6.3.

Table 6.1

Index for Rating Charts

Measurement/Observation	Chart	Measurement/Observation	Chart
Number			
# seen/location	A	# struck and killed	C
#/aerial transect line	A	# struck, killed and lost	C
#/photograph	B	# killed/location	C
# of calves	A	# dead/location	A
#/group	A	#/distance from aircraft	A
# of male pods	A	#/distance from vessel	A
# landed	C	#/distance from land	A
# struck and lost	C	#/distance from ice edge	A
Identification			
tag #	Not rated		
Morphometrics			
total length	D	tusk length	D
snout-to-blowhole length	D	total tusk length	D
snout-to-anus length	D	exposed tusk length	D
snout-to-genital slit length	D	tusk circumference	D
snout-to-umbilicus length	D	eye-to-ear length	D
snout-to-flipper length	D	eye-to-blowhole length	D
snout-to-eye length	D	eye-to-angle of mouth length	D
snout-to-ear length	D	blowhole width	D
snout-to-angle of mouth length	D	tail notch depth	D
baleen length	D	blubber thickness	D
flipper length	D	muktuk thickness	D
flipper width	D	# of tusks	F
tail width	D	baleen weight	E
girth at eye	D	oil weight	E
girth at armpit	D	tusk weight	E
girth at navel	D	flipper shape	E
girth at anus	D	body deformity	F
maximum girth	D	spiral direction	E
Age and Colour			
# of dentine layers	G	blubber colour	H
# of mandible layers	G	# of scars	H
overall colour	H	scar pattern	H
colour pattern	H	mud on body	H
Reproduction			
genital structure	I	corpora albicantia #	J
presence of tusk	I	corpora albicantia diameter	D
association with calf	K	uterine cornua diameter	D
gonad length	D	mammary gland width	D
gonad width	D	mammary gland depth	D

Table 6.1 (Continued)

Measurement/Observation	Chart	Measurement/Observation	Chart
Reproduction cont'd			
gonad depth	D	fetus present	I
gonad volume	E	fetus length	D
gonad weight	E	fetus width	D
sperm present	J	milk present	I
spermatogenesis stages	J	milk volume	E
epididymal tubule diameter	D	milk colour	I
corpora lutea #	J	milk consistency	I
corpora lutea diameter	D	milk opaqueness	I
Food			
stomach contents - identification	L	presence of birds	K
stomach contents - volume	E		
Parasites			
parasites present	L		
Movements			
heading	M	distance/dive	N
distance/time	N	swimming under ice	M
Behaviour			
dive time	O	breaching	P
surface time	O	tail slapping	P
time between blows	O	flipper slapping	P
# blows/surfacing	O	spy-hopping	P
# surfacings/time	O	head in air	P
# underwater blows	P	flipper in air	P
nudging	P	tail in air	P
pushing	P	flukes in air	P
chasing	P	back arched	P
slapping	P	bobbing	P
nipping	P	porpoising	P
tusk crossing over body	P	swimming in circles	P
tusks crossing	P	swimming on side	P
tusk raising	P	rolling on side	P
sweeping	P	turning at surface	P
flukes overlapping	P	head covered in kelp	P
touching another whale	P	rock in mouth	P
rubbing another whale	P	basking	P
lifting another whale	P	mating	P
orientation to others	Q	nursing	P
orientation to vessel	Q	call	S
orientation to ice edge	Q	# calls/whale	S
synchrony among animals	R	# calls/type/time	S
distance between individuals	R	call duration	S
proximity to other species	R	call frequency spectrum	S
position in water	R	call intensity	S
disturbing mud	P	pulse rate	S
splashing	P		

The format in Data Inventory Table 1 is standard for all biological inventories. The general study parameters, the species observed, and the specific whale measurements made, by category, are detailed. In addition, concurrent measurements are indicated by discipline (biology, chemistry, and physics). Concurrent biological measurements are organized by the following taxonomic groups:

- microbes;
- phytoplankton;
- zooplankton;
- zoobenthos;
- phytobenthos;
- epontics;
- anadromous fish;
- marine fish;
- birds;
- ice-associated mammmals;
- terrestrial mammals; and
- pinnipeds.

Concurrent chemical and physical measurements are organized by:

- atmosphere;
- ice;
- water column;
- suspended particulates;
- sediment; and
- biota.

Data Inventory Table 2 gives detailed information on study methods and sampling effort for each measurement in each data set, and is presented species by species. Each measurement for each species in a data set has been rated, using evaluation criteria outlined in section 6.3.

Data Inventory Table 3 gives the specific times and locations and sampling intervals for all known surveys, watches and interviews.

Maps are provided to illustrate the geographic coverage of systematic and reconnaissance aerial surveys, and reconnaissance ice and vessel surveys. Survey lines were digitized using a dBase III and an IBM-compatible microcomputer. The information was stored on a floppy disc and then plotted onto Lambert Conformal Conic projection maps of the entire study area (scale of 1:7 000 000). Locations of ice watches, shore watches, vessel watches, and communities or camps where interviews occurred are also indicated on maps. To avoid confusion, only one data set is plotted on each map; data sets require more than one map if more than one type of survey was done or if the study period extended beyond the two-month period. Insufficient information is available to map survey lines or watch locations for some data sets.

Indexes are given near the end of this inventory. Data sets are indexed according to geographic coverage, species, study methods, specific whale measurements obtained, and references. The Reference Index also includes the form, availability and location of the original data and the person to contact, if known. Appendix 1 gives additional remarks concerning some of the data sets, and Appendix 2 lists addresses for the institutions.

5.3 SAMPLE USE OF THE INVENTORY

Example 1: searching for information on a specific whale measurement (e.g., presence of tusk).

Step 1. Begin search by using the Measurement Index and record the identification (I.D.) numbers of the data sets listed for that measurement.

Step 2. Using the I.D. numbers, examine those data sets noted in Step 1 in Data Inventory Tables 1 or 2 to obtain information on who did what, where and when and how.

Step 3. Again, using the I.D. numbers, consult the Reference Index for reports or publications which contain the desired information and the form, location and availability of the original data.

Example 2: searching for information in a specific geographic area (e.g., Prince Regent Inlet).

Step 1. Begin search by using the Geographic Index and record the identification (I.D.) numbers of data sets listed for that area.

Step 2. Using the I.D. numbers, examine those data sets noted in Step 1 in Data Inventory Table 1 to obtain information on the species observed and the sampling period.

Step 3. Again, using the I.D. numbers, consult the Maps for the data sets noted in Step 1 to quickly determine which areas were sampled.

Step 4. Consult the Reference Index for reports or publications which contain the desired information and the form, location and availability of the original data.

6. APPRAISAL OF STUDY METHODS

6.1 BACKGROUND AND RATIONALE

In order to compare biological data collected from different areas, and/or during different seasons or years, and/or before and after environmental perturbations, it is necessary to assess the precision and accuracy of the measurements. Precision is the measure of the random variation of a method; it can be expressed as a standard deviation, e.g., if a whale length is 350 ± 5 cm, the 5 cm indicates the level of precision. Improved precision results in smaller differences between repeated assessments of the same measurement on the same animal or structure. Accuracy is the measure of how close the determined value is to the true value of a measurement, and is the systematic variation of a method. For example, the measured gonad weight will always be higher or always be lower than the actual weight if the scale instrument used is zeroed incorrectly.

In the physical and chemical sciences, multiple measurements are often made and the precision of the method can be easily determined. Standards are available to determine the accuracy of the method, although relating chemical standards of one chemical composition and structure to samples containing the same chemical in a different form or in several forms is often difficult. Physical and chemical laboratories develop protocols for sampling and analytical procedures and assess the quality of the methods at regular intervals to ensure the best results possible.

Some biological measurements are simple physical measurements (e.g., weight and length measurements). The precision and accuracy of the methods used to obtain these measurements usually can be determined.

Most biological measurements are observations or a combination of observations and physical measurements. For example, to measure tail width, the investigator has first to know where the measurement should be taken on the tail (observation), and then to obtain the width (physical measurement). Because the first step of the procedure is subjective, any assessment of precision and accuracy is also partially subjective.

The operational unit in this catalogue is the "measurement". Each reported measurement is what actually was recorded (e.g., number of whales on an aerial transect line) and not a derivation of the measurement (e.g., whale abundance). Each type of measurement was appraised separately in each data set.

Appraisal criteria were established for each measurement type; the criteria are factors known or believed to affect the reliability of a measurement type obtained using a particular method. All criteria pertinent to a particular measurement type obtained by a particular method were applied to measurements obtained by that method. A rating score of 0 to 4 was then applied. Because the data, like a chain, are only as strong as the weakest link, the score is the lowest of the scores applied according to the individual criteria.

Data reliability demands that the data are repeatable, not only by the original investigator, but also by anyone else wishing to repeat the measurements. For this to be possible, the original work must have been performed in a consistent, defined manner and the investigator must have provided a complete, detailed description of all sampling and analytical methods. All terms and units must be precisely defined.

The rating scheme does not depend on the use or application of the data. For example, age measurements of 15 whales (even if the measurements have a high reliability rating,) are probably not sufficient to describe the age structure of a whale population. These data may adequately describe the age structure of a harvest, however. The rating may suggest the purposes for which the data can be used with confidence. Data may be useless for some applications if the sample is not representative of what exists in the total area in nature. For example, one may count with great accuracy and precision the number of whales seen along a given transect line from a given aircraft at a particular altitude and speed. But, if many animals dive before they are counted, the sample will not be representative, and the results will be of limited use in describing the whale population actually in the area. Ratings are applied independent of the representativeness.

"Identification" is a measurement which was not rated because of its subjective nature. Although there are published taxonomic keys against which a specimen can be compared, field identification depends entirely on the interpretation of the investigator of how well the organism fits a particular description. It must be understood that correct identification of whales is crucial to all other subsequent measurements and observations, and that data rated as highly reliable in this inventory may be totally useless if the identification is incorrect.

6.2 DEFINITION OF THE RATING SYSTEM

Study methodologies have been appraised according to a five-level scale defined as follows:

RATING SCORE	DEFINITION
0	Data are found or judged to be wrong.
1	Data are suspect and probably not internally consistent; trends or patterns within the data are likely not real.
2	Insufficient information is provided to assess the data; the data were not or could not be investigated.
3	Data are internally consistent; patterns or trends within the data are probably real, but comparison with other data sets may be difficult or impossible.
4	Data are internally consistent and are sufficiently standardized or tied to a reference that comparison with other data at this rating score should be possible. Data may not be accurate in an absolute sense.

Because a "2" rating is not better than a "0" or "1" rating, the scheme is not truly hierarchical. Ignoring the 2 rating, however, the scheme is hierarchical (0, 1, 3, 4). The scheme is presented this way to provide continuity with other catalogues in the series.

The rating scheme is intended to be a guide to appraisal of study methodologies and not an absolute statement of data quality. An ideal rating system would use only objective rating criteria, but due to the nature of some biological measurements and observations, this is not always possible. Some measurements and observations involve a high level of subjective judgment or interpretation on the part of the investigator.

6.3 RATING METHODS USED FOR OBTAINING WHALE DATA

Many whale measurements are highly subjective, regardless of the methods used, because both the observer and the observed whale change over time. Whales are very mobile animals and can exhibit a wide range of behaviour. Observers are often remote from the animals, and most of the analysis or interpretation is done in the observer's mind before any information is recorded. Human perception is dependent on state of alertness, internal and external stress, and medical fitness; all of these are difficult to measure and can vary even over a short time period. Since no "sample" is taken that can be analyzed and re-analyzed, subsequent results cannot be compared. Thus, at best, only relative levels of precision and accuracy can be assigned.

Recently, some types of whale measurements and observations have been permanently recorded using devices such as cameras and tape recorders. If good-quality photographs and audiotapes are obtained, then the "samples" can be re-examined and a level of precision determined. Of course, the method of getting the data may affect the information obtained.

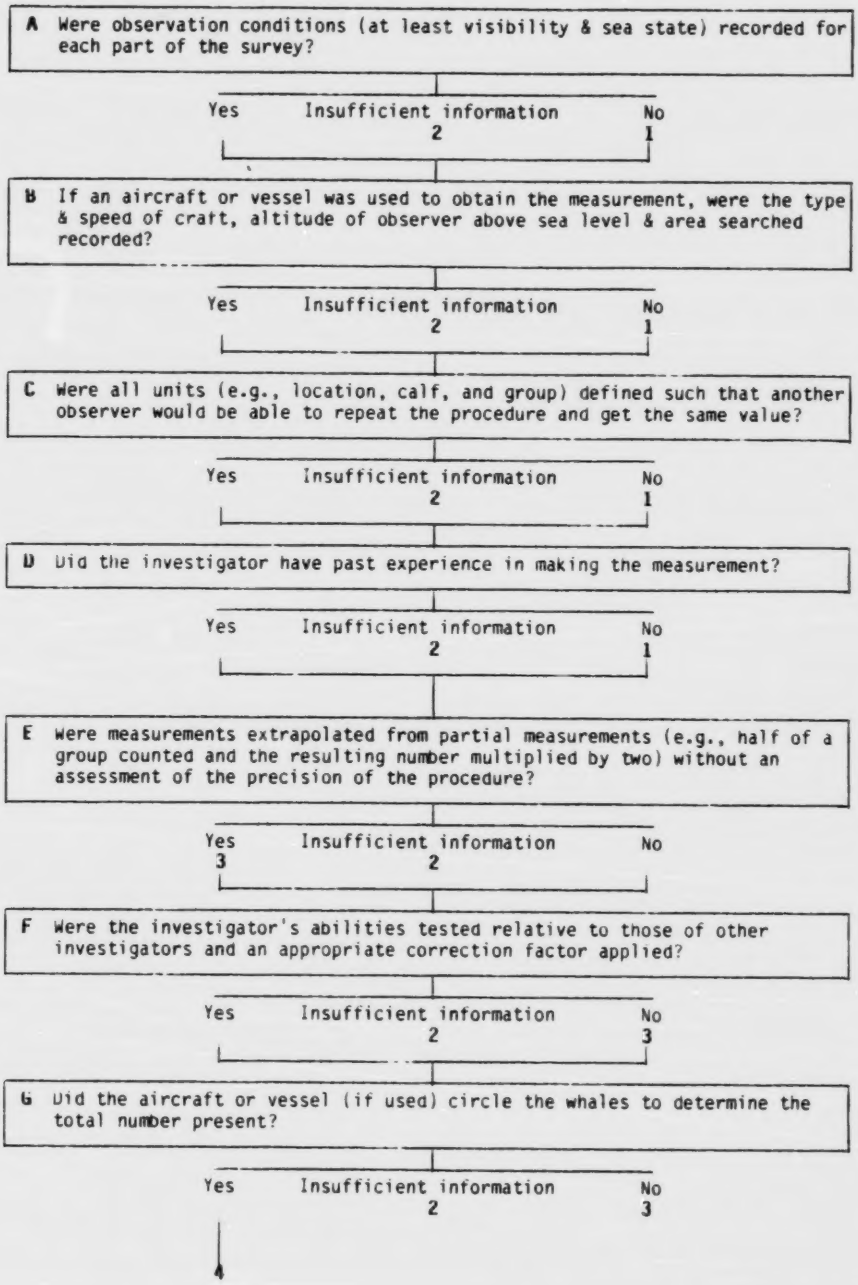
For this inventory, rating charts were used to standardize and document the rating procedure. When rating a measurement or observation, the appropriate chart was selected and questions asked on the methods used according to the order on the chart. The rating procedure continued until all the questions on the chart had been asked and answered and a data rating assigned. The final rating for a given measurement was the lowest value assigned to any of the answers to the questions. If different values for one measurement type (e.g., different total length values) in a data set received different ratings, because the methods were somewhat different, then both ratings were assigned. Table 6.1 indicates which Rating Chart was used to rate each of the types of measurements. The Rating Charts follow Table 6.1.

RATING CHART A

MEASUREMENTS

- # seen/location
- #/aerial transect line
- # of calves
- #/group
- # of male pods
- # dead/location (omit E & G)
- #/distance from aircraft
- #/distance from vessel
- #/distance from land
- #/distance from ice edge

QUESTIONS



A Were observation conditions (at least visibility & sea state) recorded for each part of the survey?

Yes — Insufficient information 2 — No 1

B If an aircraft or vessel was used to obtain the measurement, were the type & speed of craft, altitude of observer above sea level & area searched recorded?

Yes — Insufficient information 2 — No 1

C Were all units (e.g., location, calf, and group) defined such that another observer would be able to repeat the procedure and get the same value?

Yes — Insufficient information 2 — No 1

D Did the investigator have past experience in making the measurement?

Yes — Insufficient information 2 — No 1

E Were measurements extrapolated from partial measurements (e.g., half of a group counted and the resulting number multiplied by two) without an assessment of the precision of the procedure?

Yes 3 — Insufficient information 2 — No

F Were the investigator's abilities tested relative to those of other investigators and an appropriate correction factor applied?

Yes — Insufficient information 2 — No 3

G Did the aircraft or vessel (if used) circle the whales to determine the total number present?

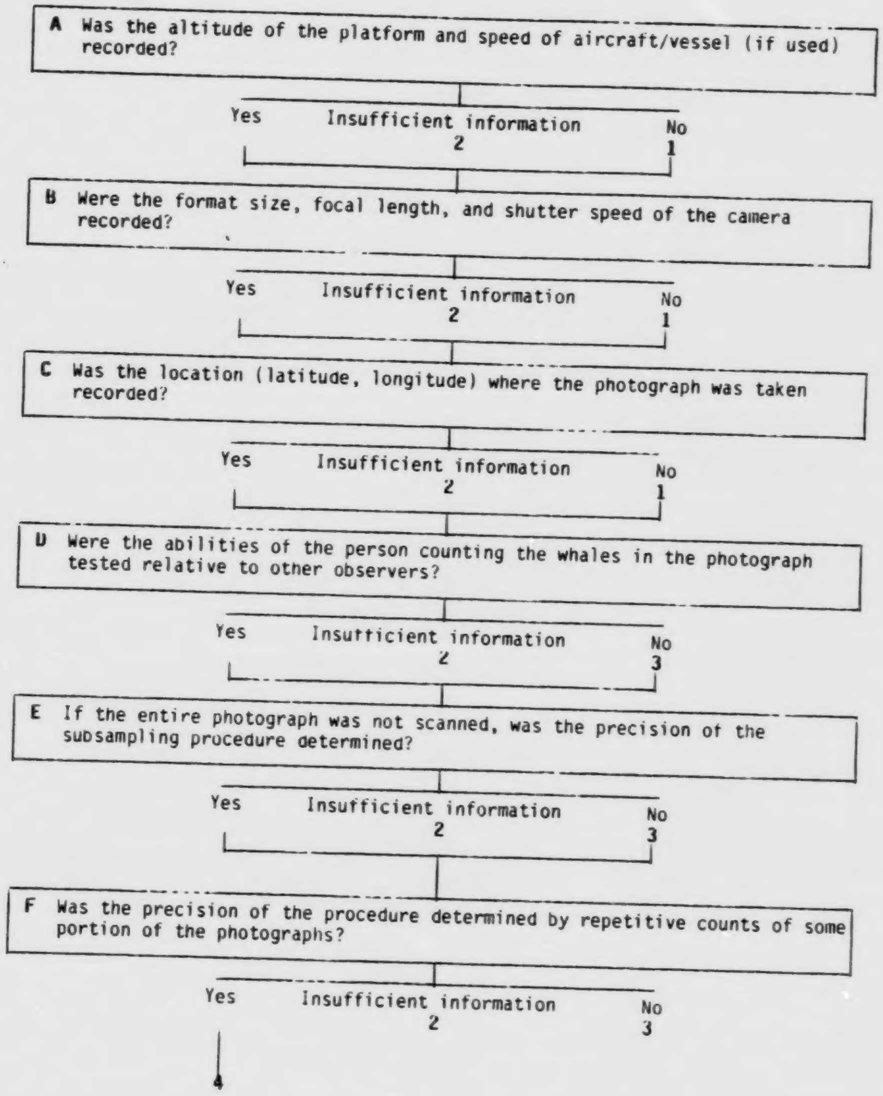
Yes — Insufficient information 2 — No 3

RATING CHART B

MEASUREMENTS

#/photograph

QUESTIONS



A Was the altitude of the platform and speed of aircraft/vessel (if used) recorded?

Yes — Insufficient information 2 — No 1

B Were the format size, focal length, and shutter speed of the camera recorded?

Yes — Insufficient information 2 — No 1

C Was the location (latitude, longitude) where the photograph was taken recorded?

Yes — Insufficient information 2 — No 1

D Were the abilities of the person counting the whales in the photograph tested relative to other observers?

Yes — Insufficient information 2 — No 3

E If the entire photograph was not scanned, was the precision of the subsampling procedure determined?

Yes — Insufficient information 2 — No 3

F Was the precision of the procedure determined by repetitive counts of some portion of the photographs?

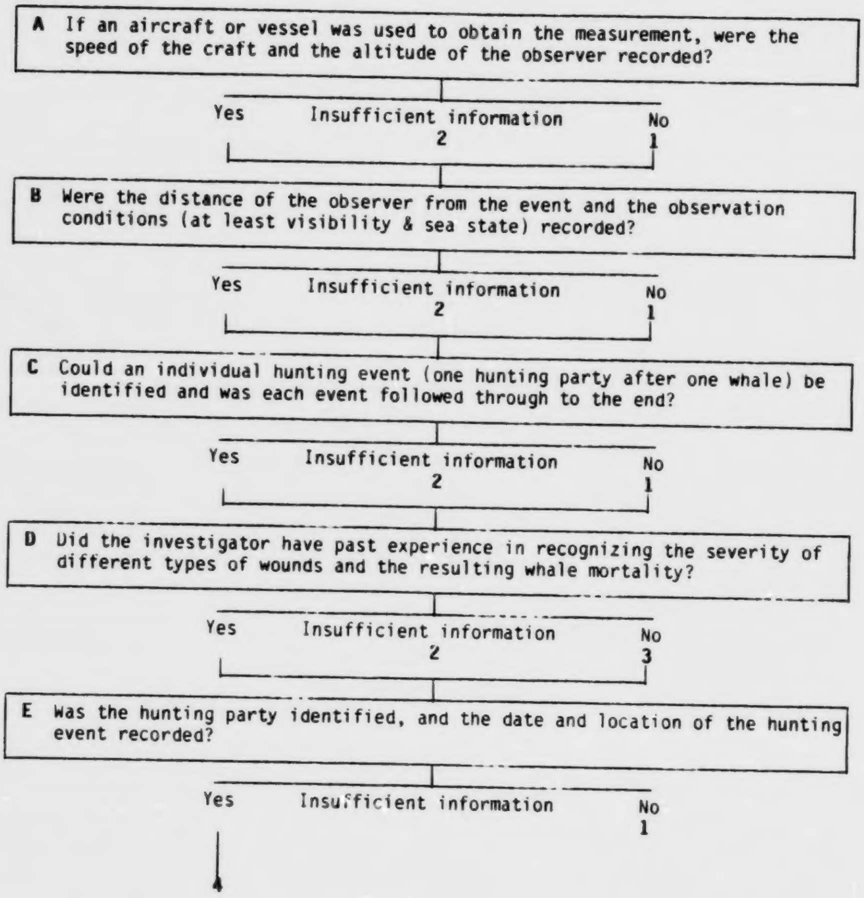
Yes 4 — Insufficient information 2 — No 3

RATING CHART C

MEASUREMENTS

- # landed (start at E)
- # struck and lost (omit D)
- # struck and killed
- # struck, killed and lost
- # killed/location

QUESTIONS



A If an aircraft or vessel was used to obtain the measurement, were the speed of the craft and the altitude of the observer recorded?

Yes — Insufficient information 2 — No 1

B Were the distance of the observer from the event and the observation conditions (at least visibility & sea state) recorded?

Yes — Insufficient information 2 — No 1

C Could an individual hunting event (one hunting party after one whale) be identified and was each event followed through to the end?

Yes — Insufficient information 2 — No 1

D Did the investigator have past experience in recognizing the severity of different types of wounds and the resulting whale mortality?

Yes — Insufficient information 2 — No 3

E Was the hunting party identified, and the date and location of the hunting event recorded?

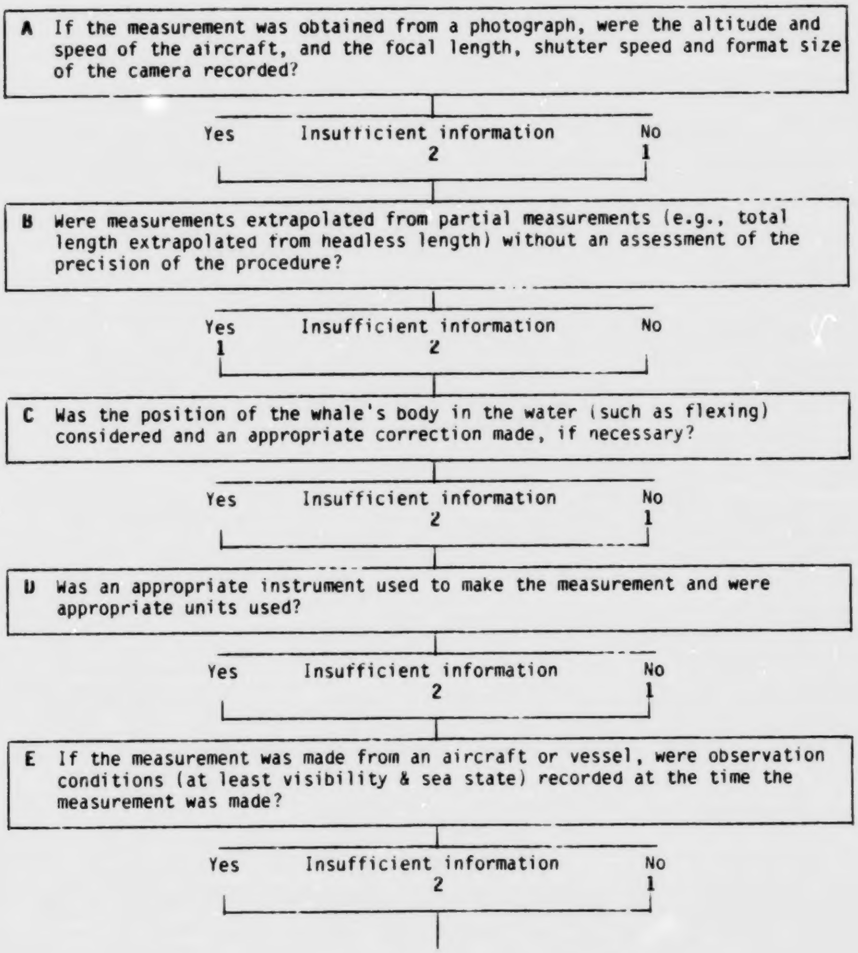
Yes 4 — Insufficient information — No 1

RATING CHART D

MEASUREMENTS

total length
snout-to-blowhole length
snout-to-anus length
snout-to-genital slit length
snout-to-umbilicus length
snout-to-flipper length
snout-to-eye length
snout-to-ear length
snout-to-angle of mouth length
baleen length (omit C)
flipper length
flipper width
tail width
girth at eye
girth at armpit
girth at navel
girth at anus
maximum girth
tusk length
exposed tusk length
total tusk length (omit C)
tusk circumference (omit C)
eye-to-ear length
eye-to-blowhole length
eye-to-angle of mouth length
blowhole width
tail notch depth (omit C)
blubber thickness (omit C)
muktuk thickness (omit C)
gonad length (omit C & E)
gonad width (omit C & E)
gonad depth (omit C & E)
epididymal tubule diameter (omit C & E)
corpora lutea diameter (omit C & E)
corpora albicantia diameter (omit C & E)
uterine cornua diameter (omit C & E)
mammary gland width (omit C & E)
mammary gland depth (omit C & E)
fetus length (omit C & E)
fetus width (omit C & E)

QUESTIONS



A If the measurement was obtained from a photograph, were the altitude and speed of the aircraft, and the focal length, shutter speed and format size of the camera recorded?

Yes
Insufficient information 2
No 1

B Were measurements extrapolated from partial measurements (e.g., total length extrapolated from headless length) without an assessment of the precision of the procedure?

Yes 1
Insufficient information 2
No

C Was the position of the whale's body in the water (such as flexing) considered and an appropriate correction made, if necessary?

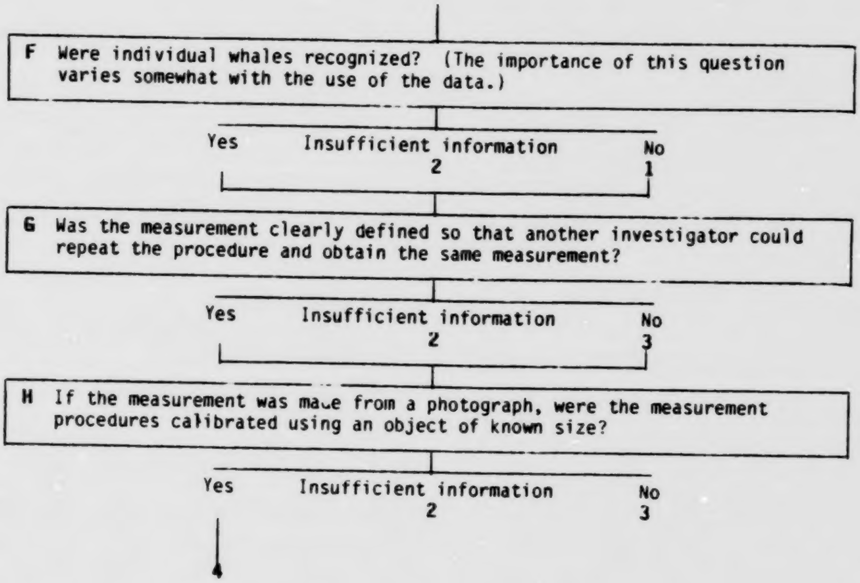
Yes
Insufficient information 2
No 1

D Was an appropriate instrument used to make the measurement and were appropriate units used?

Yes
Insufficient information 2
No 1

E If the measurement was made from an aircraft or vessel, were observation conditions (at least visibility & sea state) recorded at the time the measurement was made?

Yes
Insufficient information 2
No 1



F Were individual whales recognized? (The importance of this question varies somewhat with the use of the data.)

Yes | Insufficient information 2 | No 1

G Was the measurement clearly defined so that another investigator could repeat the procedure and obtain the same measurement?

Yes | Insufficient information 2 | No 3

H If the measurement was made from a photograph, were the measurement procedures calibrated using an object of known size?

Yes | Insufficient information 2 | No 3

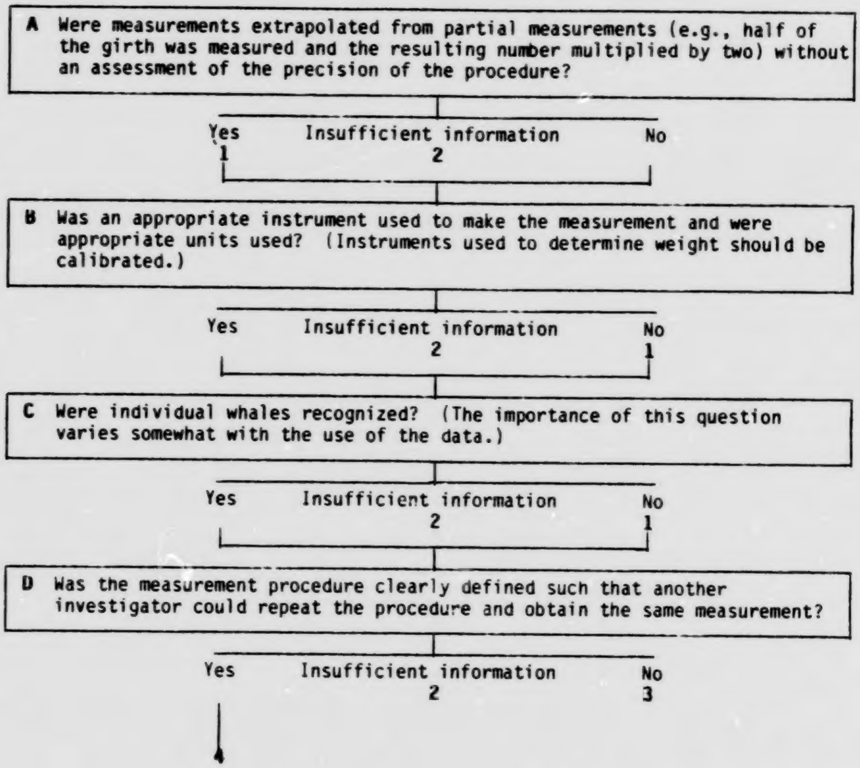
RATING CHART E

MEASUREMENTS

baleen weight
oil weight
tusk weight
flipper shape (start at C)
spiral direction (start at D)

gonad volume
gonad weight
milk volume
stomach contents - volume

QUESTIONS



A Were measurements extrapolated from partial measurements (e.g., half of the girth was measured and the resulting number multiplied by two) without an assessment of the precision of the procedure?

Yes 1 Insufficient information 2 No

B Was an appropriate instrument used to make the measurement and were appropriate units used? (Instruments used to determine weight should be calibrated.)

Yes Insufficient information 2 No 1

C Were individual whales recognized? (The importance of this question varies somewhat with the use of the data.)

Yes Insufficient information 2 No 1

D Was the measurement procedure clearly defined such that another investigator could repeat the procedure and obtain the same measurement?

Yes 4 Insufficient information 2 No 3

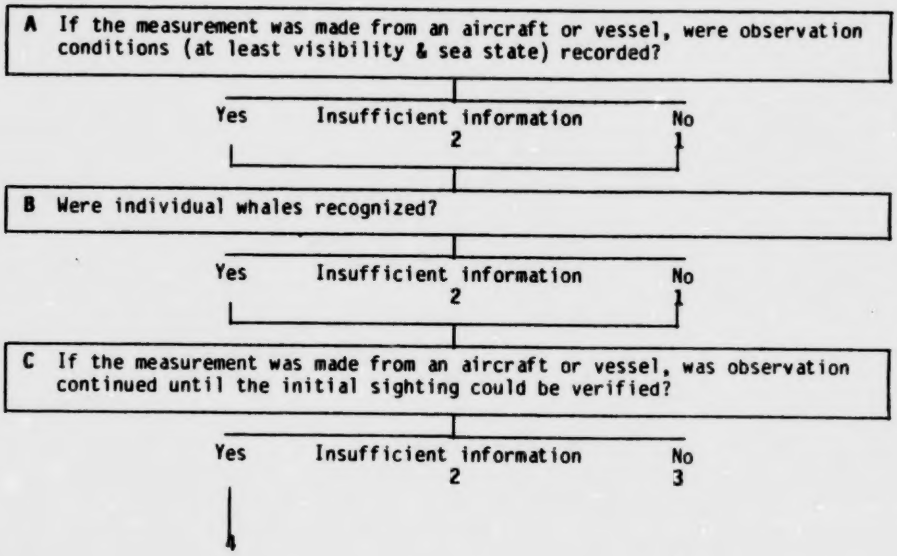
RATING CHART F

MEASUREMENTS

# of tusks

body deformity

QUESTIONS


A If the measurement was made from an aircraft or vessel, were observation conditions (at least visibility & sea state) recorded?
Yes
Insufficient information
2
No
1
B Were individual whales recognized?
Yes
Insufficient information
2
No
1
C If the measurement was made from an aircraft or vessel, was observation continued until the initial sighting could be verified?
Yes
Insufficient information
2
No
3
4

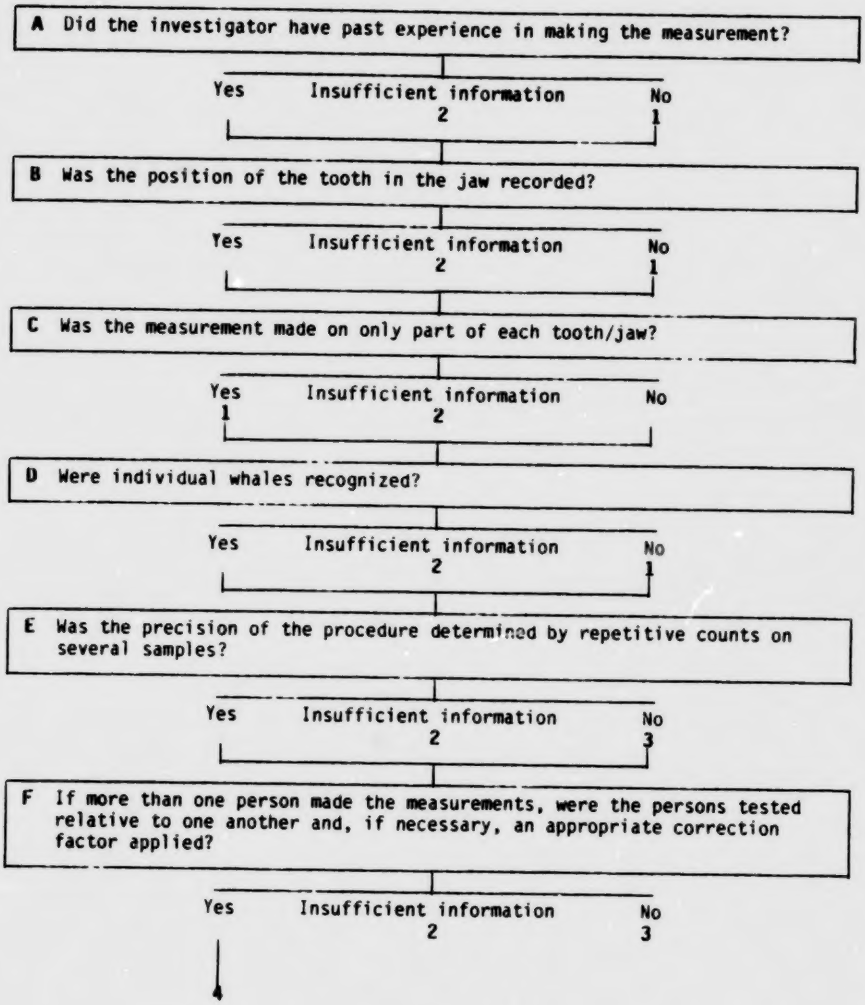
RATING CHART G

MEASUREMENTS

# of dentine layers

# of mandible layers (omit B)

QUESTIONS



A Did the investigator have past experience in making the measurement?

B Was the position of the tooth in the jaw recorded?

C Was the measurement made on only part of each tooth/jaw?

D Were individual whales recognized?

E Was the precision of the procedure determined by repetitive counts on several samples?

F If more than one person made the measurements, were the persons tested relative to one another and, if necessary, an appropriate correction factor applied?

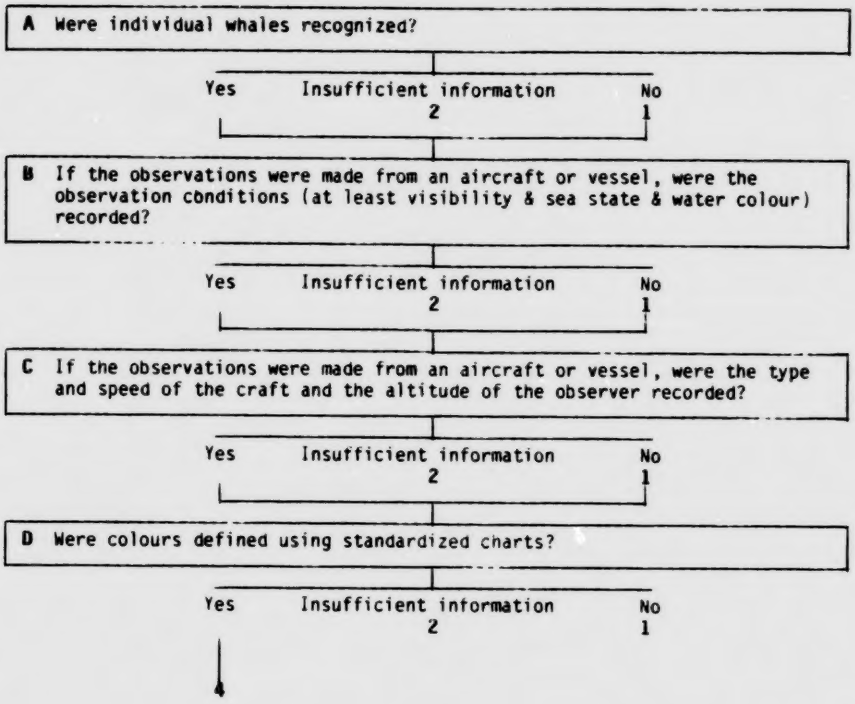
Yes
Insufficient information 2
No 1
Yes
Insufficient information 2
No 1
Yes 1
Insufficient information 2
No
Yes
Insufficient information 2
No 1
Yes
Insufficient information 2
No 3
Yes
Insufficient information 2
No 3
4

RATING CHART H

MEASUREMENTS

overall colour	# of scars (omit D)
colour pattern	scar pattern (omit D)
blubber colour	mud on body (omit D)

QUESTIONS



A Were individual whales recognized?

Yes   Insufficient information 2   No 1

B If the observations were made from an aircraft or vessel, were the observation conditions (at least visibility & sea state & water colour) recorded?

Yes   Insufficient information 2   No 1

C If the observations were made from an aircraft or vessel, were the type and speed of the craft and the altitude of the observer recorded?

Yes   Insufficient information 2   No 1

D Were colours defined using standardized charts?

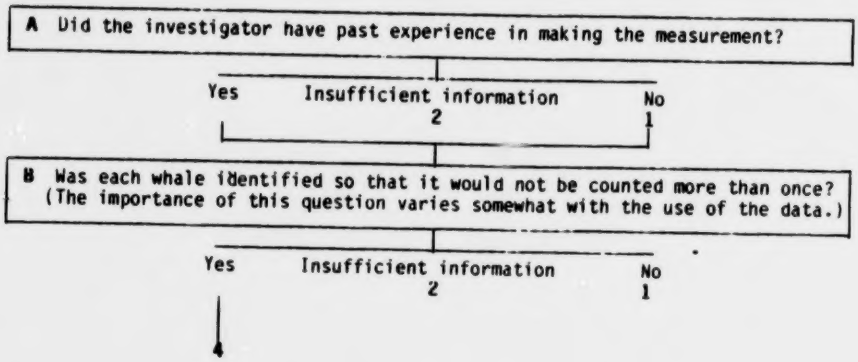
Yes   Insufficient information 2   No 1

RATING CHART I

MEASUREMENTS

genital structure	milk colour
presence of tusk	milk consistency
fetus present	milk opaqueness
milk present	

QUESTIONS



A Did the investigator have past experience in making the measurement?

B Was each whale identified so that it would not be counted more than once? (The importance of this question varies somewhat with the use of the data.)

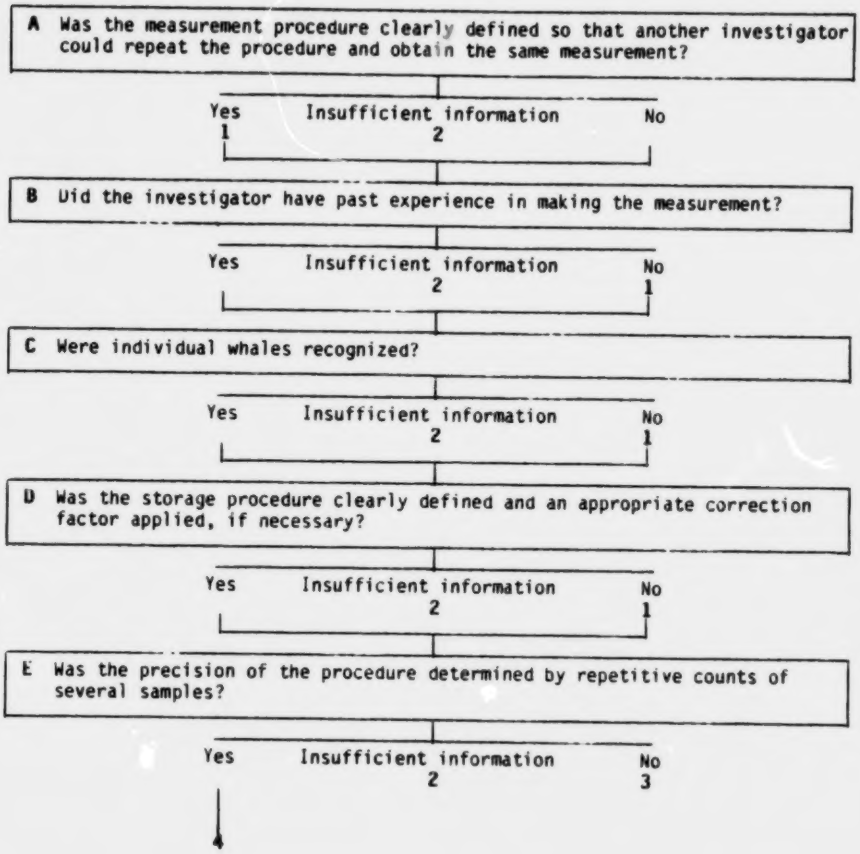
Yes
Insufficient information
2
No
1
Yes
Insufficient information
2
No
1

RATING CHART J

MEASUREMENTS

sperm present (start at B & omit D)	corpora lutea #
spermatogenesis stages	corpora albicantia #

QUESTIONS



A Was the measurement procedure clearly defined so that another investigator could repeat the procedure and obtain the same measurement?

Yes 1 — Insufficient information 2 — No

B Did the investigator have past experience in making the measurement?

Yes — Insufficient information 2 — No 1

C Were individual whales recognized?

Yes — Insufficient information 2 — No 1

D Was the storage procedure clearly defined and an appropriate correction factor applied, if necessary?

Yes — Insufficient information 2 — No 1

E Was the precision of the procedure determined by repetitive counts of several samples?

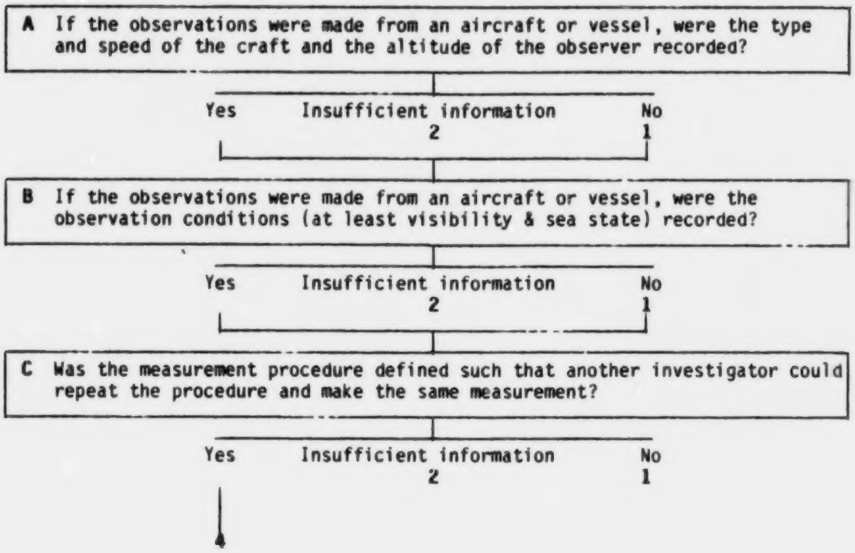
Yes 4 — Insufficient information 2 — No 3

RATING CHART K

MEASUREMENTS

association with calf　　　　presence of birds

QUESTIONS



A If the observations were made from an aircraft or vessel, were the type and speed of the craft and the altitude of the observer recorded?

Yes　Insufficient information 2　No 1

B If the observations were made from an aircraft or vessel, were the observation conditions (at least visibility & sea state) recorded?

Yes　Insufficient information 2　No 1

C Was the measurement procedure defined such that another investigator could repeat the procedure and make the same measurement?

Yes　Insufficient information 2　No 1

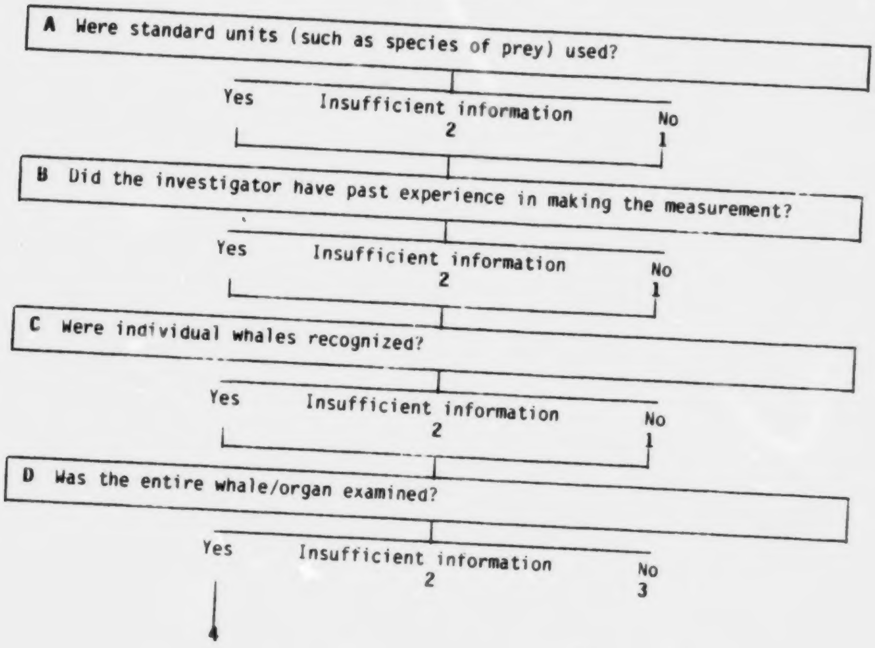
RATING CHART L

MEASUREMENTS

stomach contents - identification

parasites present (start at B)

QUESTIONS



A Were standard units (such as species of prey) used?

B Did the investigator have past experience in making the measurement?

C Were individual whales recognized?

D Was the entire whale/organ examined?

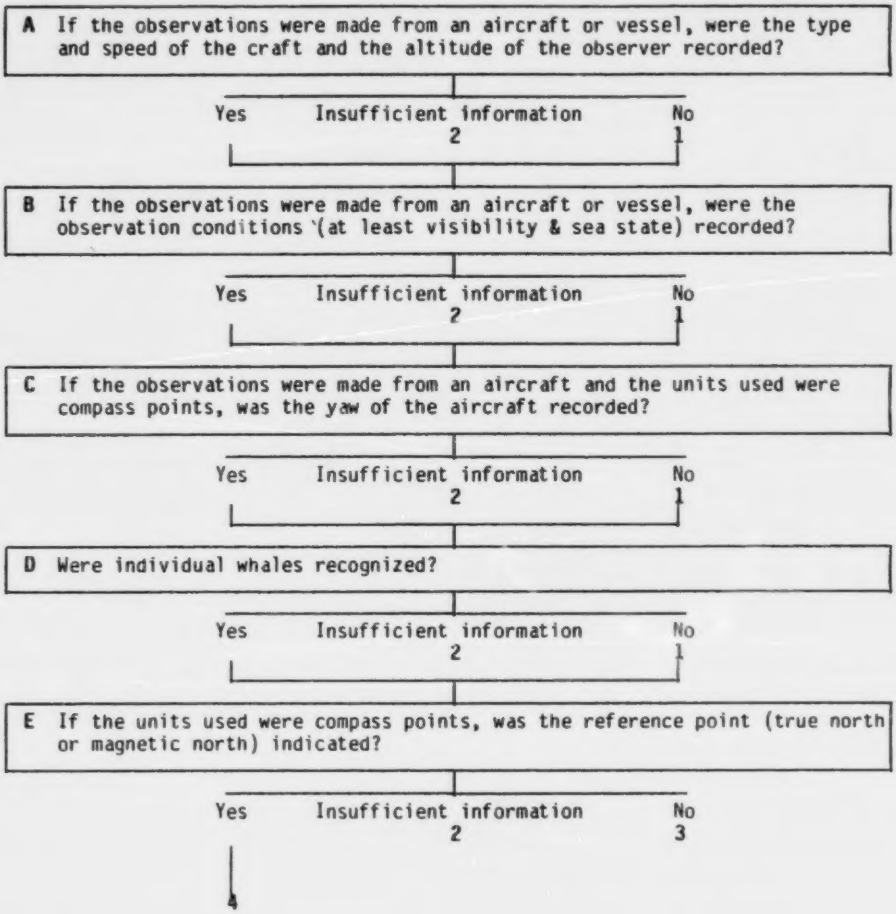
Yes
Insufficient information
2
No
1
Yes
Insufficient information
2
No
1
Yes
Insufficient information
2
No
1
Yes
Insufficient information
2
No
3
4

RATING CHART M

MEASUREMENTS

heading (omit D) swimming under ice (omit C & E)

QUESTIONS



A If the observations were made from an aircraft or vessel, were the type and speed of the craft and the altitude of the observer recorded?

Yes Insufficient information 2 No 1

B If the observations were made from an aircraft or vessel, were the observation conditions (at least visibility & sea state) recorded?

Yes Insufficient information 2 No 1

C If the observations were made from an aircraft and the units used were compass points, was the yaw of the aircraft recorded?

Yes Insufficient information 2 No 1

D Were individual whales recognized?

Yes Insufficient information 2 No 1

E If the units used were compass points, was the reference point (true north or magnetic north) indicated?

Yes 4 Insufficient information 2 No 3

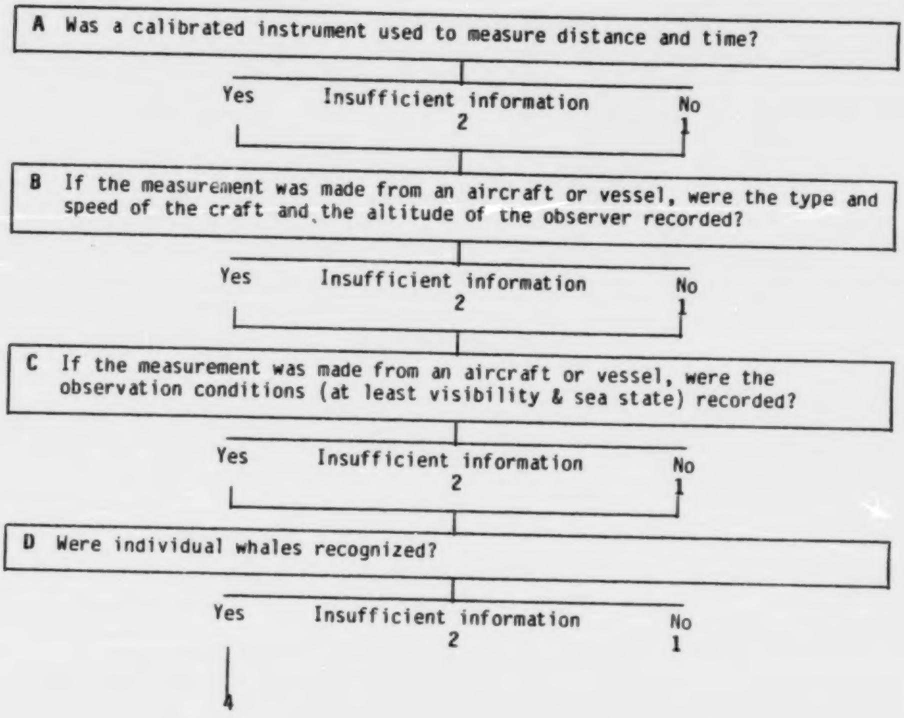
RATING CHART N

MEASUREMENTS

distance/time

distance/dive

QUESTIONS



A Was a calibrated instrument used to measure distance and time?

B If the measurement was made from an aircraft or vessel, were the type and speed of the craft and the altitude of the observer recorded?

C If the measurement was made from an aircraft or vessel, were the observation conditions (at least visibility & sea state) recorded?

D Were individual whales recognized?

Yes
Insufficient information
2
No
1
Yes
Insufficient information
2
No
1
Yes
Insufficient information
2
No
1
Yes
Insufficient information
2
No
1
4

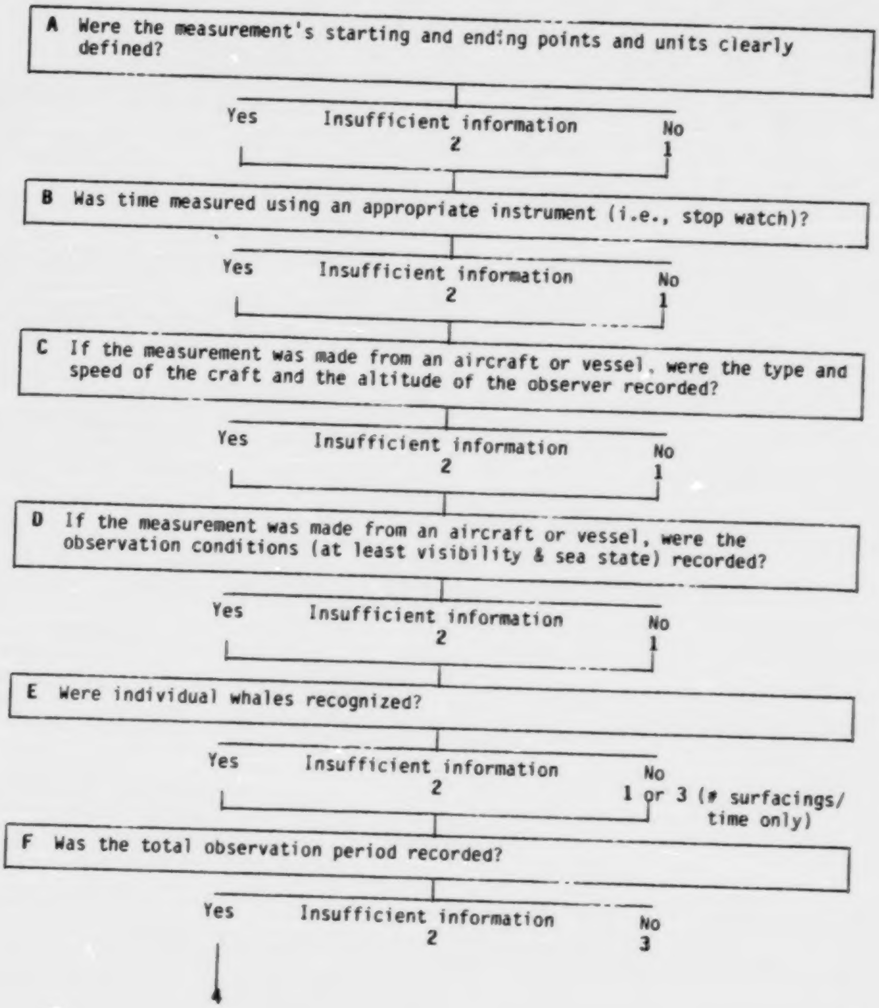
RATING CHART O

MEASUREMENTS

dive time
surface time
time between blows

blows/surfacing
surfacings/time

QUESTIONS



A Were the measurement's starting and ending points and units clearly defined?

Yes
Insufficient information
2
No
1

B Was time measured using an appropriate instrument (i.e., stop watch)?

Yes
Insufficient information
2
No
1

C If the measurement was made from an aircraft or vessel, were the type and speed of the craft and the altitude of the observer recorded?

Yes
Insufficient information
2
No
1

D If the measurement was made from an aircraft or vessel, were the observation conditions (at least visibility & sea state) recorded?

Yes
Insufficient information
2
No
1

E Were individual whales recognized?

Yes
Insufficient information
2
No
1 or 3 (# surfacings/ time only)

F Was the total observation period recorded?

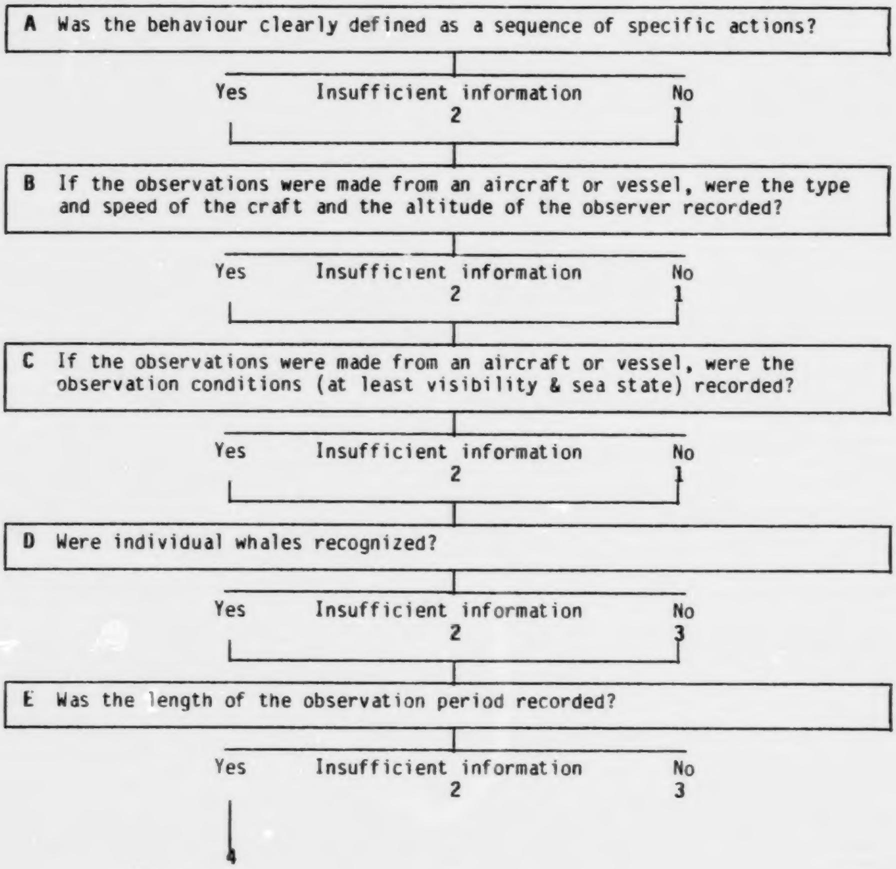
Yes
4
Insufficient information
2
No
3

RATING CHART P

MEASUREMENTS

# underwater blows
nudging
pushing
chasing
slapping
nipping
tusk crossing over body
tusks crossing
tusk raising
sweeping
flukes overlapping
touching another whale
rubbing another whale
lifting another whale
disturbing mud
splashing
breaching
tail slapping
flipper slapping
spy-hopping
head in air
flipper in air
tail in air
flukes in air
back arched
bobbing
porpoising
swimming in circles
swimming on side
rolling on side
turning at surface
head covered in kelp
rock in mouth
basking
mating
nursing

QUESTIONS



A Was the behaviour clearly defined as a sequence of specific actions?

Yes — Insufficient information 2 — No 1

B If the observations were made from an aircraft or vessel, were the type and speed of the craft and the altitude of the observer recorded?

Yes — Insufficient information 2 — No 1

C If the observations were made from an aircraft or vessel, were the observation conditions (at least visibility & sea state) recorded?

Yes — Insufficient information 2 — No 1

D Were individual whales recognized?

Yes — Insufficient information 2 — No 3

E Was the length of the observation period recorded?

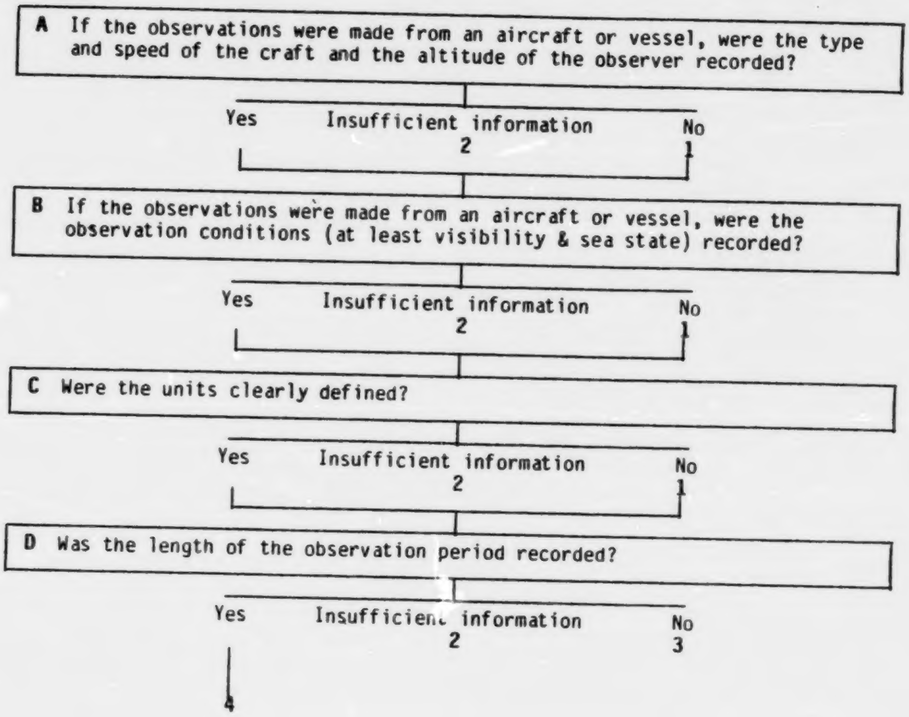
Yes 4 — Insufficient information 2 — No 3

RATING CHART Q

MEASUREMENTS

orientation to others orientation to vessel	orientation to ice edge

QUESTIONS



A If the observations were made from an aircraft or vessel, were the type and speed of the craft and the altitude of the observer recorded?

B If the observations were made from an aircraft or vessel, were the observation conditions (at least visibility & sea state) recorded?

C Were the units clearly defined?

D Was the length of the observation period recorded?

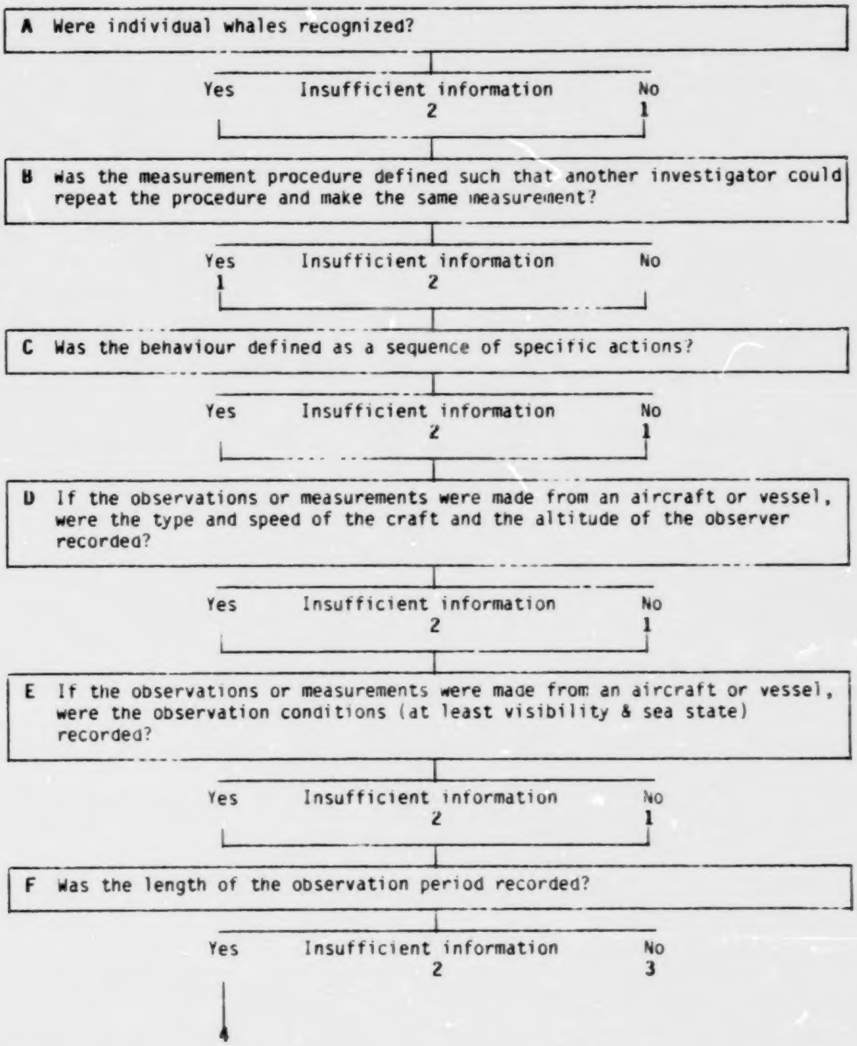
Yes
Insufficient information
2
No
1
Yes
Insufficient information
2
No
1
Yes
Insufficient information
2
No
1
Yes
Insufficient information
2
No
3
4

RATING CHART R

MEASUREMENTS

synchrony among animals (start at B)
distance between individuals (omit C)
proximity to other species
position in water (start at B & omit C)

QUESTIONS



A Were individual whales recognized?

Yes — Insufficient information 2 — No 1

B Was the measurement procedure defined such that another investigator could repeat the procedure and make the same measurement?

Yes 1 — Insufficient information 2 — No

C Was the behaviour defined as a sequence of specific actions?

Yes — Insufficient information 2 — No 1

D If the observations or measurements were made from an aircraft or vessel, were the type and speed of the craft and the altitude of the observer recorded?

Yes — Insufficient information 2 — No 1

E If the observations or measurements were made from an aircraft or vessel, were the observation conditions (at least visibility & sea state) recorded?

Yes — Insufficient information 2 — No 1

F Was the length of the observation period recorded?

Yes 4 — Insufficient information 2 — No 3

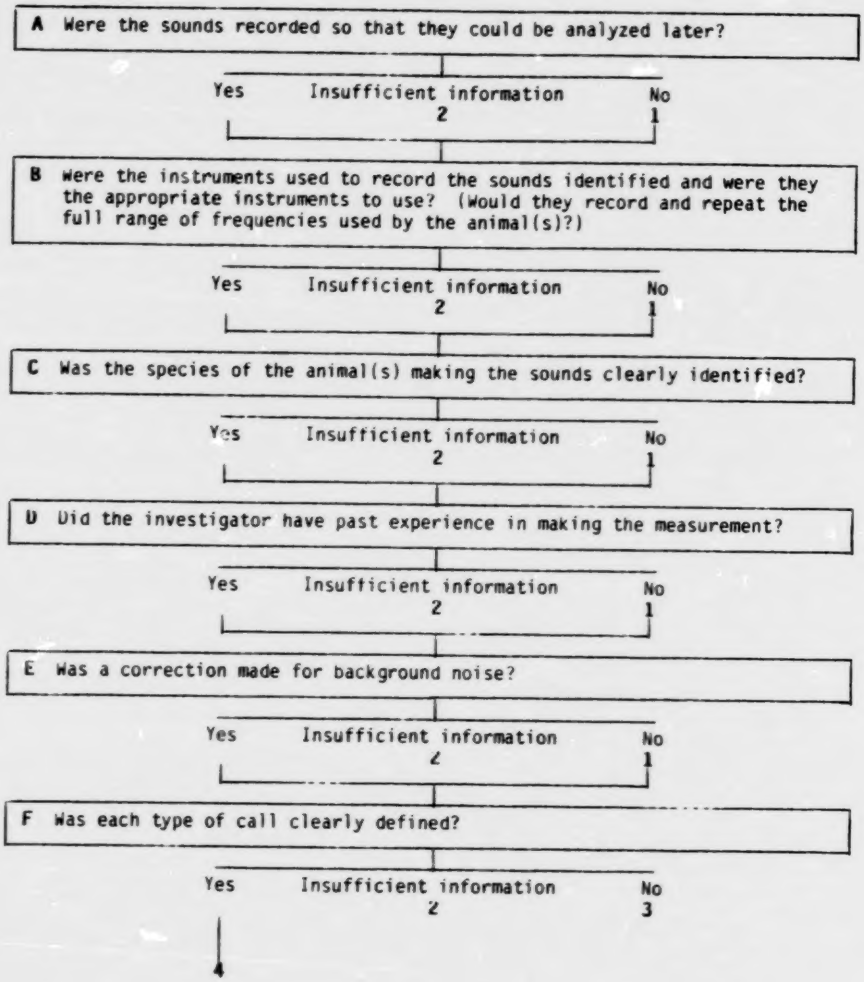
RATING CHART S

MEASUREMENTS

call
# calls/whale
# calls/type/time
call duration (omit D)

call intensity
call frequency spectrum
pulse rate

QUESTIONS



A Were the sounds recorded so that they could be analyzed later?

Yes — Insufficient information 2 — No 1

B Were the instruments used to record the sounds identified and were they the appropriate instruments to use? (Would they record and repeat the full range of frequencies used by the animal(s)?)

Yes — Insufficient information 2 — No 1

C Was the species of the animal(s) making the sounds clearly identified?

Yes — Insufficient information 2 — No 1

D Did the investigator have past experience in making the measurement?

Yes — Insufficient information 2 — No 1

E Was a correction made for background noise?

Yes — Insufficient information 2 — No 1

F Was each type of call clearly defined?

Yes 4 — Insufficient information 2 — No 3

6.4 CRITERIA FOR RATING METHODS USED FOR OBTAINING WHALE DATA

All measurements require the correct identification of the animal to species. Identification to species is not generally appraised for reasons outlined in section 6.1. Verification of the identification is possible only if the entire whale is collected or a clear photograph or videotape is obtained.

6.4.1 Units Used

Imprecise units strongly influence the precision and accuracy of the data. Vague estimates of whale numbers or distance or location are particularly subject to subjective interpretation and can change. For example, an aerial surveyor may consider 10 whales to be a "large" number if these are the first whales sighted after many days of surveying. Whale lengths are subject to interpretation unless all of the whale's body is seen and a small distance, less than two or three whale lengths, is being measured. Inclinometer degrees are precise units if the plane does not change its altitude and the observer does not move his or her head. Units such as hues vary with personal perception, unless a standard chart is used. Identification of stomach contents using common names is subject to misinterpretation. Compass points are exact units only if the reference point (true north or magnetic north) is indicated. "Group" is another unit that can have multiple interpretations, unless it is properly defined.

6.4.2 Measurements Defined

Ill-defined measurements affect the precision and accuracy of the data. Behaviour measurements are very susceptible to personal interpretation unless each term is defined as a precise series of actions. For example, "mating" and "play" behaviour may involve some of the same actions.

6.4.3 Platform Described

Measurements taken from aircraft and vessels require a detailed record of the type of craft used, its altitude and speed, and size of area searched for any appraisal of data reliability. The resolution of an image depends on the distance between the eye or camera and the object. So the maintained altitude affects the length of time it takes to "recognize" a whale. Altitude also affects the apparent size of the search area. (That is, a set area, such as 400m x 200m, appears to increase in size as altitude decreases.) Speed of craft and size of search area affect the length of time a point is in view and so affect the possibility of seeing a whale (because whales are not always at the surface where they can be seen). Viewing is easier from some types of aircraft and vessels than from other types. The type of craft used, distance from the whale (altitude), and speed can affect the amount of noise produced and thus can affect whale behaviour.

6.4.4 Appropriate Equipment Used

The type of equipment used affects the precision and accuracy of several measurements, in particular, morphometric, colour, and call measurements. Weighing devices are subject to drift, and need to be calibrated using known standards. Instruments used to obtain micro-measurements may also require frequent calibration. Different films record colours differently, and some are better in poor light conditions. Acoustic equipment is usually designed to detect specific frequencies, so care must be taken to ensure that the desired sounds are within the detection range. Amplification is usually necessary to be able to distinguish whale sounds from the background noise.

6.4.5 Observation Conditions

Observation conditions (i.e., visibility, glare, wind, wave height) should be recorded to obtain reliable measurements from aircraft or vessels. Usually minimum standards for such conditions are set at the start of a program, and no measurements are attempted if the minimum conditions are not met. However, even within the range of acceptable conditions, the "sightability" of whales varies. Observation conditions may also affect the proportion of time that whales spend at the surface. This affects many of the measurements made from aircraft and vessels. At the present time, it is difficult to determine the appropriate correction factor to apply for different observation conditions, but appropriate data are slowly being obtained by researchers in the field.

6.4.6 Observer Experience

Observer experience is a very important factor affecting the quality of data obtained. Training ensures that the species are properly identified, measurement procedures are standardized and each step is followed, measurements are accurate, and individual animals are recognized. A recent International Whaling Commission Workshop on aerial and vessel survey methods stressed that unless observers are trained, the results may be useless. Observing hunting events and deciding whether or not a shot has mortally wounded a whale is one particular measurement that definitely requires an experienced observer.

6.4.7 Calibration of Observers

Even if observers are experienced, there will be differences in their abilities. This poses problems when measurements made by different observers are compared, unless the observers have been tested. The ideal test would be to compare an observer's results to a known standard; however, such a standard does not exist for most whale measurements. The practical solution to this is to test observers relative to one another. Calibration of observers is particularly important for measurements requiring a high level of skill, such as counting whales from an aircraft or vessel. For other measurements, such as those involving use of a tape measure, observer variability is unlikely to introduce bias into the results.

6.4.8 Length of Observation Period

Some measurements are not easily determined by a single overflight, but require a longer observation period. The use of most behavioural observations is greatly enhanced if they can be put into context. One flipper slap could be interpreted in many ways, but a sequence of several flipper slaps, followed by a push and then a chase is obviously an aggressive encounter. A prolonged observation period is also required when observing hunting events. The precision and accuracy of data on the number of whales in a group increases if the aircraft circles the area, doing several counts, so that whales beneath the surface can be detected as they surface. Unusual sightings, such as seeing an animal with two tusks, should be verified to ensure that they are not optical illusions.

6.4.9 Recognition of Individuals

The possibility of counting an animal more than once is important if the total number of animals seen is small and the chance of double-counting an animal is great. Most researchers plan the timing and progression of the survey transects such that double-counting animals is unlikely. Recognizing individual whales is particularly important in determining dive times; researchers report that whales within a group will take turns surfacing. Thus, unless individual whales are recognized, the measured dive times will be shorter than the actual values. Landed whales may be double-counted unless the hunting group, and date and location of hunting event are recorded.

6.4.10 Extrapolation from Partial Counts

Extrapolation from partial counts is subsampling and, unless the procedure has been tested, may introduce bias into the results. Whale distribution is usually clumped, so subsampling is not recommended. Comparing partial to total counts of the number of whales on photographs would assess the amount of bias introduced by subsampling, but this has not been done yet. For some types of measurements, such as length and girth measurements, partial counts are very likely to be inaccurate.

6.4.11 Yaw of Aircraft

Yaw of an aircraft, or the deviation from the intended heading, must be recorded to obtain accurate data on the direction of travel of whales. Observers usually record the whale's heading relative to the aircraft's heading, assuming the aircraft is moving in the direction the nose is pointing. This assumption is correct only in calm conditions.

6.4.12 Body Position

Body position can affect length measurements, particularly total length. Misleading girth measurements can be obtained if the whale is in a flexed position. Tooth location in the jaw affects the amount of tooth wear and can affect the number of dentine layers.

6.4.13 Repetitive Counts

Repetitive counts of the same samples provide the data needed to calculate precision. For several whale measurements, only a relative appraisal of precision is possible; however, measurements obtained in the laboratory, such as number of dentine layers, number of whales per photograph, number of corpora lutea, and epididymal tubule diameter, can be counted and re-counted.

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8. DATA INVENTORY TABLES

8.1 DATA INVENTORY TABLE 1: SUMMARY LISTING OF DATA SETS

Data Inventory Table 1 presents a summary listing of all of the data sets included in this inventory. The information on each data set contained in each column and the abbreviations used are described below by column.

DATA SET I.D.

Each identification (I.D.) number is unique to a data set; all subsequent references to data sets are by I.D. numbers. The first two digits of the I.D. refer to the last two digits of the year that data collection commenced; the last four digits of the I.D. are assigned to the data set. The subscript $_{18}$ indicates data sets obtained in the 1800s.

COLLECTING AGENCY

The collecting agency is the vessel, government organization or private company which conducted the study. If the funding agency is different from the collecting agency, the funding agency is given in parentheses. Agency names are given as reported, but agencies whose names are known to have changed are denoted with an asterisk (*). These include:

Dep. of Fisheries & the Environment, now called Dep. of Fisheries & Oceans;

Dep. of Northern Affairs & National Resources, now called Dep. of Indian Affairs & Northern Development;

Fisheries & Marine Service, now called Fisheries Management Service; and,

Game Management Service, now called Wildlife Service.

A question mark (?) indicates no information on the collecting or funding agency is available.

COLLECTING PERIOD

The collecting period is the time actually spent within the geographic limits of the area (see Figure 2.1). Whenever possible, precise dates are given. A question mark in parentheses appears after uncertain dates. A month followed by a question mark, then a dash, then a question mark indicates that the collecting period was within that month. If only a question mark appears in this column, no information on the timing of the collection period is available. If a study extended beyond the calendar year, the dates include a year.

AREA

Specific locations within the Northwest Passage area are identified in Figure 2.1 or described in the heading of the Geographic Index.

TAXA REPORTED

Only whale species for which measurements were inventoried are listed. A blank implies that it is not known if any information on any species was obtained. If no whale measurements were obtained, "none" is indicated. The abbreviations used are:

BW = bowhead whale (Balaena mysticetus);

KW = killer whale (Orcinus orca);

N = narwhal (Monodon monoceros); and,

WW = white whale (Delphinapterus leucas).

WHALE MEASUREMENTS OR OBSERVATIONS

This column contains all of the specific types of whale measurements or observations made, organized by category. If there was any doubt on whether or not a specific type of measurement was made within the area's geographic boundaries (e.g., the data were examined only in report form), this measurement is listed in Data Inventory Table 1. (In Data Inventory Table 2, such doubt is indicated by "Note 9" in the "Rating" column for that specific measurement.) If this column is blank, then it is not known if any whale information was obtained. If "none" is indicated, then no whale data were obtained even though the survey design and execution made whale sightings likely.

CONCURRENT MEASUREMENTS

Measurements other than those of whales obtained during the study are listed according to discipline: Biology, Chemistry, and Physics. Concurrent biological measurements are organized by taxonomic group, and detailed only to category (the same categories as those used to report whale measurements and observations). Concurrent physical and chemical measurements are organized by sampling substrate. "Incomplete" implies that concurrent information was collected, but no details are available.

REMARKS

The purpose of the study, especially those other than whale research, is indicated in this column. Consecutive series of data sets are also noted.

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
$_{18}$20-0001	Cumbrian	?	Lancaster Sound	BW	Number # seen/location Identification			Ice Coverage Water Column Current direction Wave climate	whaling
$_{18}$23-0001	Cumbrian	July ?-?	Lancaster Sound	BW	Number # seen/location Identification			Water Column Temperature Transparency	whaling
$_{18}$30-0001	?	?	Lancaster Sound	BW	Number # seen/location # struck and lost Identification				
$_{18}$68-0001	Arctic	?	Lancaster Sound, Prince Regent Inlet	BW	Number # killed/location Identification				whaling
$_{18}$71-0001	Erik	June 25-?, July 23(?)-31(?)	Admiralty Inlet, Lancaster Sound	BW N	Number # seen/location # killed/location Identification			Ice Type Water Column Depth Turbidity	whaling
$_{18}$73-0001	Arctic	June 28(?)-July 06(?), July 20(?)-Aug. 11(?)	Barrow Strait, Bellot Strait, Lancaster Sound, Prince Regent Inlet	BW	Number # of calves # killed/location Identification Morphometrics baleen length baleen weight oil weight Reproduction genital structure				whaling
$_{18}$74-0001	Narwhal	?	Lancaster Sound	N	Number # landed Identification				whaling

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
$_{18}$84-0001	Aurora	?	Lancaster Sound	N	Number # of calves # landed # struck and lost Identification Reproduction presence of tusk				whaling
$_{18}$84-0002	Nova Zembla	?	Lancaster Sound	N	Number # landed # struck and lost Identification				whaling
$_{18}$86-0001	Esquimaux	?	Elwin Bay, Prince Regent Inlet	WW	Number # landed Identification				whaling
$_{18}$87-0001	Esquimaux	?	Elwin Bay, Prince Regent Inlet	WW	Number # landed Identification				whaling
$_{18}$90-0002	Polynia	?	Prince Regent Inlet	WW	Number # landed Identification				whaling
$_{18}$91-0001	?	?	Lancaster Sound	WW	Number # landed Identification				
$_{18}$92-0001	?	?	Elwin Bay	WW	Number # landed Identification				
$_{18}$94-0003	Esquimaux	Aug. 19(?)-27(?)	Elwin Bay	WW	Number # landed Identification				whaling
$_{18}$95-0002	?	?	Elwin Bay	WW	Number # landed Identification				

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CHEMICAL	PHYSICAL	REMARKS
1898-0001	?	?	Elwin Bay, Prince Regent Inlet	N WW	Number # landed Identification				
03-0004	D.G.S. Neptune	Aug. 12-18, 1904	Barrow Strait, Cuming Creek, Lancaster Sound, Prince Regent Inlet	BW WW	Number # seen/location # landed Identification	Birds Number Identification Pinnipeds Number Identification Terrestrial Mammals Number Identification		Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Type	see Appendix
08-0001	D.G.S. Arctic	Aug. 22(?), 1908-Aug. 14 (?), 1909, Aug. 22-31, 1909	Barrow Strait, Bridport Inlet, Lancaster Sound, Liddon Gulf, M'Clure Strait, Prince of Wales Strait, Viscount Melville Sound, Winter Harbour	BW N	Number # seen/location #/group Identification Morphometrics # of tusks Age overall colour Reproduction presence of tusk	Zooplankton Number Identification Anadromous Fish Number Identification Morphometrics Birds Number Identification Age Reproduction Food Movements Behaviour Pinnipeds Number Identification Behaviour Ice-associated Mammals Number Identification Reproduction Food Movements Behaviour	Water Column Other	Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Coverage Type Thickness Water Column Temperature Current direction Depth Water level	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
08-0001	Continued					Terrestrial Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour			
21-0001	Fifth Thule Expedition	Apr. 13-May 06(?), 1922, Mar. 28, 1923-Feb. 16(?), 1924, Apr. 19(?)-May 29, 1924, Aug. 02(?)-07(?), 1924	Adams Sound, Admiralty Inlet, Agu Bay, Bathurst Inlet, Chantrey Inlet, Committee Bay, Coronation Gulf, Dolphin & Union Strait, Easter Sound, Elwin Bay, Fury & Hecla Strait, James Ross Strait, Lancaster Sound, Melville Sound, Moffet Inlet, Pelly Bay, Queen Maud Gulf, Rae Strait, Rasmussen Basin, Shepherd Bay, Simpson Strait St. Roch Basin	BW KW N WW	Number # seen/location # of calves # landed # dead/location Identification Morphometrics total tusk length # of tusks spiral direction Age overall colour colour pattern blubber colour mud on body Reproduction presence of tusk Food Movements heading Behaviour dive time nudging pushing tusk raising orientation to others synchrony among animals position in water spy-hopping head in air tail in air bobbing call	Pinnipeds Number Identification Terrestrial Mammals Number Identification Movements		Ice Coverage Type Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions	see Appendix

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
23-0003	C.G.S. Arctic	Aug. 18(?)-20(?)	Admiralty Inlet, Lancaster Sound, Strathcona Sound			Birds Number Identification Age Behaviour Pinnipeds Number Identification Ice-associated Mammals Number Identification Movements Terrestrial Mammals Number Identification Morphometrics Age Reproduction Food Movements			
33-0003	Nascopie	?	Prince Regent Inlet	WW	Number # seen/location Identification		Incomplete		
37-0016	Hudson's Bay Company	?	Admiralty Inlet, Arctic Bay	N	Number # seen/location # landed # struck and lost Identification	Incomplete		Ice Coverage	
38-0012	Hudson's Bay Company	?	Adams Sound, Admiralty Inlet, Arctic Bay	N	Number # seen/location # landed Identification		Incomplete		see Appendix
39-0004	Hudson's Bay Company	?	Arctic Bay, Creswell Bay	BW N	Number # seen/location # struck and lost # dead/location Identification		Incomplete		

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
40-0010	R.C.M.P. St. Roch	Aug. 29 - Sep. 19, 1940, Aug. 12, 1941- Sep. 02, 1942	Bellot Strait, Coronation Gulf, Dease Strait, Dolphin & Union Strait, Gulf of Boothia, Franklin Strait, James Ross Strait, Lancaster Sound, Larsen Sound, Lord Mayor Bay, Pasley Bay, Prince Regent Inlet, Queen Maud Gulf, Rae Strait, Rasmussen Basin, Simpson Strait, St. Roch Basin	BW N	Number # seen/location # dead/location Identification Morphometrics total length Reproduction presence of tusk Behaviour position in water	Marine Fish Number Identification Pinnipeds Number Identification Ice-associated Mammals Number Identification		Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Coverage Type Water Column Current speed Depth	
40-0012	Hudson's Bay Company	?	Arctic Bay	N	Number # landed # struck and lost Identification Reproduction presence of tusk	Incomplete			
44-0002	R.C.M.P. St. Roch	Aug. 18-20, 22-24, 26- Sep. 03	Barrow Strait, Dundas Harbour, Lancaster Sound, M'Clure Strait, Prince of Wales Strait, Richard Collinson Inlet, Stratton Inlet, Viscount Melville Sound, Winter Harbour	none	none	Pinnipeds Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification Reproduction		Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Coverage Type Water Column Temperature Current speed Current direction Depth Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	

46-0003	U.S. National Museum & U.S. Patuxent Wildlife Research Refuge	July 22-31(?),
		Aug. 06-Sep. 08(?)
			Admiralty Inlet,
			Barrow Strait,
			Dundas Harbour,
			Garnier Bay,
			Lancaster Sound,
			M'Clure Strait,
			Prince Regent Inlet,
			Viscount Melville Sound,
			Winter Harbour
				BW
				KW
				N
				WW
					Number
					  # seen/location
					  #/group
					  # dead/location
					  #/distance from land
					Identification
					Morphometrics
					  total length
					Age
					  overall colour
					Food
					Movements
					  heading
					  swimming under ice
					Behaviour
					  distance between individuals
					  splashing
					  tail slapping
					  head in air
					  tail in air
					  back arched
					  rolling on side
					  head covered with kelp
					  call
						Phytoplankton
						  Number
						  Identification
						Birds
						  Number
						  Identification
						Pinnipeds
						  Number
						  Identification
						  Morphometrics
						  Age
						  Reproduction
						  Movements
						  Behaviour
						Ice-associated Mammals
						  Number
						  Identification
						  Food
						  Movements
						  Behaviour
						Terrestrial Mammals
						  Number
						  Identification
						  Age
						  Food
						  Movements
						  Behaviour
								Ice
								  Coverage
								  Type	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
47-0005	U.S.S. Edisto & U.S.S. Whitewood	July 30(?)- Aug. 03(?), Aug. 14(?)- Sep. 15(?)	Allen Bay, Barrow Strait, Lancaster Sound, Prince Regent Inlet, Resolute Bay, Viscount Melville Sound	BW WW	Number # seen/location # of calves # dead/location #/distance from land Identification Age overall colour Food Movements heading Behaviour synchrony among animals	Pinnipeds Number Identification Age Food Behaviour Ice-associated Mammals Number Identification Age Reproduction Food Movements Behaviour Terrestrial Mammals Number Identification Food Movements Behaviour		Ice Coverage Type	
49-0012	Arctic Institute of North America	June 03- Aug. 03	Bathurst Inlet, Melville Sound, Queen Maud Gulf			Anadromous Fish Number Identification Morphometrics Birds Number Identification Morphometrics Age Reproduction Food Parasites Movements Behaviour Terrestrial Mammals Number Identification Morphometrics Age		Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Coverage Type Water Column Temperature Salinity	bird study

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
49-0012	Continued					Reproduction Food Parasites Movements Behaviour			
49-0013	U.S.S. Edisto	Aug. 06, 14-31	Barrow Strait, Gascoyne Inlet, Lancaster Sound, M'Clure Strait, Radstock Bay, Resolute Bay, Viscount Melville Sound	N WW	Number # seen/location # of calves #/group Identification Age overall colour Movements heading Behaviour proximity to other species	Zooplankton Number Identification Morphometrics Zoobenthos Number Identification Marine Fish Number Identification Birds Number Identification Age Reproduction Behaviour Pinnipeds Number Identification Movements Behaviour Ice-associated Mammals Number Identification Morphometrics Movements Behaviour Terrestrial Mammals Number Identification		Atmosphere Wind speed Wind direction Atmospheric conditions Ice Coverage Type Thickness	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
50-0002	U.S.S. *Edisto* & U.S.C.G.C. *Eastwind*	Aug. 16-22(?)	Barrow Strait, Dundas Harbour, Gascoyne Inlet, Lancaster Sound, Radstock Bay, Resolute Bay	BW KW N WW	Number # seen/location # landed Identification Movements heading	Phytoplankton Number Identification Zooplankton Number Identification Anadromous Fish Number Identification Marine Fish Number Identification Birds Number Identification Age Behaviour Pinnipeds Number Identification Movements Behaviour Ice-associated Mammals Number Identification Movements Terrestrial Mammals Number Identification Reproduction		Atmosphere Atmospheric conditions Ice Coverage Water Column Depth	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
52-0008	National Museum of Canada (for Defense Research Board, Dep. of Northern Affairs & National Resources*, & Arctic Institute of North America)	Aug. 11-29	M'Clure Strait	WW	Number # seen/location #/group Identification Movements heading	Pinnipeds Number Identification Age Ice-associated Mammals Number Identification Morphometrics Reproduction Terrestrial Mammals Number Identification Morphometrics Age Reproduction		Ice Coverage Type	
52-0029	Canadian Wildlife Service	July 25-Aug. 05	Admiralty Inlet, Barrow Strait, Committee Bay, Creswell Bay, Gulf of Boothia, Prince Regent Inlet, Resolute Bay, Spence Bay, Viscount Melville Sound	N WW	Number # seen/location # of calves Identification	Birds Number Identification Behaviour Terrestrial Mammals Number Identification		Ice Coverage Water Column Water level	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
53-0014	National Museum of Canada (for Defense Research Board, Dep. of Northern Affairs & National Resources*, & Arctic Institute of North America)	July 18-Sep. 01	M'Clure Strait, Prince of Wales Strait	none	none	Pinnipeds Number Identification Ice-associated Mammals Number Identification Morphometrics Age Reproduction Behaviour Terrestrial Mammals Number Identification Morphometrics Age Reproduction Behaviour		Ice Coverage	
54-0001	H.M.C.S. Labrador	Aug. 02-04, 16-18, 24-Sep. ?	Barrow Strait, Lancaster Sound, Prince of Wales Strait, Viscount Melville Sound			Plankton Benthos	Water Column Nutrients Dissolved oxygen	Ice Water Column Temperature Salinity Current speed	
54-0003	U.S.S. Northwind	Aug. 14-Sep. 06	Hadley Bay, M'Clure Strait, Prince of Wales Strait, Richard Collinson Inlet, Viscount Melville Sound	none	none	Zoobenthos Number Identification Anadromous Fish Number Identification Birds Number Identification Pinnipeds Number Identification	Water Column Nutrients Dissolved oxygen	Ice Coverage Water Column Temperature Salinity Depth	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CONCURRENT MEASUREMENTS CHEMICAL	CONCURRENT MEASUREMENTS PHYSICAL	REMARKS
54-0033	McGill University (for Banting Fund, Arctic Institute of North America & National Research Council)	May ?, 1954-Apr. 11(?), 1955	Adams Sound, Admiralty Inlet, Bathurst Inlet, Cambridge Bay, Coronation Gulf, Moffet Inlet, Queen Maud Gulf, Spence Bay	none	none	Phytobenthos Number Identification Zoobenthos Number Identification Marine Fish Number Identification Birds Number Identification Pinnipeds Number Identification Morphometrics Age Reproduction Food Behaviour Ice-associated Mammals Number Identification Age Behaviour Terrestrial Mammals Number Identification		Atmosphere Atmospheric conditions Ice Coverage Type Thickness Water Column Temperature Salinity Depth Substrate Particle size	
54-0034	Arctic Institute of North America & New York Zoological Society	?	Lancaster Sound	N WW	Number # seen/location Identification Movements heading	Pinnipeds Number Identification Ice-associated Mammals Number Identification			

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
54-0035	Canadian Wildlife Service	July 15-31	Barrow Strait, Hadley Bay, Lancaster Sound, M'Clure Strait, Resolute Bay, Richard Collinson Inlet, Viscount Melville Sound, Winter Harbour, Wynniatt Bay	WW	Number # seen/location Identification	Anadromous Fish Number Identification Birds Number Identification Reproduction Pinnipeds Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification		Atmosphere Wind speed Atmospheric conditions Ice Coverage	
54-0036	Canadian Wildlife Service	Apr. 05-13	Bathurst Inlet, Batty Bay, Bellot Strait, Cambridge Bay, Coppermine, Creswell Bay, Gjoa Haven, Gulf of Boothia, Pelly Bay, Prince Regent Inlet, Simpson Bay, Spence Bay	N WW	Number # seen/location # killed/location Identification	Anadromous Fish Number Identification Morphometrics Marine Fish Number Identification Morphometrics Birds Number Identification Movements Behaviour Pinnipeds Number Identification Ice-associated Mammals Number Identification Age Reproduction Food		Atmosphere Wind direction	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
54-0036	Continued					Terrestrial Mammals Number Identification Movements Behaviour			
55-0037	Royal Canadian Mounted Police	?	Arctic Bay	N	Number # landed Identification	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			
55-0039	Canadian Wildlife Service	July 28-Aug. 11	Barrow Strait, Cambridge Bay, Creswell Bay, Garnier Bay, Lancaster Sound, Resolute Bay	WW	Number # seen/location Identification	Birds Number Identification Pinnipeds Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification		Ice Coverage	
56-0035	Royal Canadian Mounted Police	?	Admiralty Inlet, Spence Bay	BW WW	Number # landed # dead/location Identification	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CHEMICAL	PHYSICAL	REMARKS
57-0020	Canadian Wildlife Service	June 11 - Aug. 20	Lancaster Sound	BW N WW	Number # seen/location # of calves #/group #/distance from land Identification Reproduction presence of tusk Movements heading	Zooplankton Number Identification Marine Fish Number Identification Birds Number Identification Morphometrics Age Reproduction Food Movements Behaviour Pinnipeds Number Identification Reproduction Parasites Movements Behaviour Ice-associated Mammals Number Identification Food Behaviour Terrestrial Mammals Number Identification		Atmosphere Wind direction Atmospheric conditions Ice Coverage Type	bird study
57-0043	Royal Canadian Mounted Police	?	Arctic Bay, Resolute Bay, Spence Bay	N WW	Number # landed Identification	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
58-0043	Royal Canadian Mounted Police	?	Arctic Bay, Resolute Bay, Spence Bay	N WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
58-0044	National Museum of Canada, Canadian Wildlife Service & Arctic Institute of North America	May 22-Sep. 11	Barrow Strait, Browne Bay, Cambridge Bay, Guillemard Bay, Le Feuvre Inlet, Peel Sound, Scott Bay, Smith Bay, Young Bay	BW WW	Number # seen/location # dead/location Identification Food	Anadromous Fish Number Identification Morphometrics Age Birds Number Identification Morphometrics Age Reproduction Food Parasites Movements Behaviour Pinnipeds Number Identification Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour Terrestrial Mammals Number Identification Morphometrics Age Reproduction Food Parasites Movements Behaviour		Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Coverage Type	natural history study

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
58-0045	Canadian Wildlife Service	July 28(?)- Aug. 13	Admiralty Inlet, Arabella Bay, Barrow Strait, Browne Bay, Drake Bay, Emily Bay, Franklin Strait, Guillemard Bay, Lancaster Sound, Le Feuvre Inlet, M'Clintock Channel Ommanney Bay, Peel Sound, Reliance Bay, Smith Bay, Transition Bay, Willis Bay, Young Bay	N WW	Number # seen/location Identification	Anadromous Fish Number Identification Birds Number Identification Age Food Movements Behaviour Pinnipeds Number Identification Behaviour Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification		Ice Coverage	bird study
59-0044	Royal Canadian Mounted Police	?	Resolute Bay, Spence Bay	WW	Number # landed Identification		Incomplete		
60-0065	Royal Canadian Mounted Police	?	Resolute Bay, Spence Bay	WW	Number # landed Identification		Incomplete		
61-0076	Royal Canadian Mounted Police	?	Resolute Bay, Spence Bay	WW	Number # landed Identification		Incomplete		

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
62-0005	Arctic Biological Station	June 23-Sep. 07	Allen Bay, Barrow Strait, Cambridge Bay, Creswell Bay, M'Clure Strait, Prince of Wales Strait, Wellington Bay	WW	Number # landed Identification Morphometrics total length Age overall colour Reproduction genital structure	Plankton Benthos Fish Incomplete	Water Column Nutrients Dissolved oxygen Major elements Other	Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Water Column Temperature Salinity Depth Transparency Wave climate	
62-0029	Royal Canadian Mounted Police	?	Resolute Bay, Spence Bay	N WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification			
62-0065	Canadian Wildlife Service	Mar. ?-May ?	Barrow Strait, Lancaster Sound, Peel Sound, Resolute Bay			Pinnipeds Number Identification Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Parasites Movements Behaviour		Ice Coverage Type	polar bear study
63-0021	Royal Canadian Mounted Police	?	Creswell Bay, Resolute Bay, Spence Bay	N WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification			

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
64-0025	Royal Canadian Mounted Police	?	Creswell Bay, Resolute Bay, Spence Bay	N WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification			
65-0024	Royal Canadian Mounted Police	?	Resolute Bay, Spence Bay	N WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification			
65-0059	Dep. of Indian Affairs & Northern Development*	?	Fury & Hecla Strait, Gulf of Boothia	BW N WW	Number # seen/location #/group # landed Identification Movements heading	Anadromous Fish Number Identification Birds Number Identification Pinnipeds Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification Food		Ice Coverage Type	one trip into study area was made between Mar. 24 and Aug. 18

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
66-0024	Royal Canadian Mounted Police	?	Resolute Bay, Spence Bay	N WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification			
66-0059	Dep. of Indian Affairs & Northern Development*	?	Admiralty Inlet, Baillarge Bay, Brentford Bay, Creswell Bay, Elwin Inlet, Strathcona Sound	N WW	Number # seen/location # landed Identification	Pinnipeds Number Identification Terrestrial Mammals Number Identification		Ice Coverage Type	
67-0027	Royal Canadian Mounted Police	?	Resolute Bay, Spence Bay	N WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification			
67-0045	Dep. of Indian Affairs & Northern Development*	?	Admiralty Inlet, Berlinguet Inlet, Easter Sound	N WW	Number # seen/location # landed Identification	Anadromous Fish Number Identification Pinnipeds Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
68-0032	Royal Canadian Mounted Police	?	Resolute Bay, Spence Bay	N WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification			
68-0066	Dep. of Indian Affairs & Northern Development*	May ?-Sep. ?	Gulf of Boothia, Spence Bay, Thom Bay	N WW	Number # seen/location Identification Behaviour basking	Anadromous Fish Number Identification Marine Fish Number Identification Pinnipeds Number Identification Morphometrics Age Food Behaviour Ice-associated Mammals Number Identification Age Terrestrial Mammals Number Identification Food		Ice Coverage	
69-0037	Royal Canadian Mounted Police	?	Resolute Bay, Spence Bay	WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification			

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
70-0038	Royal Canadian Mounted Police	?	Spence Bay	WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification			
71-0047	Royal Canadian Mounted Police	?	Resolute Bay	WW	Number # landed Identification	Pinnipeds Number Identification Ice-associated Mammals Number Identification			
71-0103	Fisheries Management Division, Dep. of Environment	?	Admiralty Inlet, Barrow Strait, Bellot Strait, Brentford Bay, Browne Bay, Franklin Strait, Gulf of Boothia, Lancaster Sound, Lord Mayor Bay, M'Clintock Channel Ommanney Bay, Pasley Bay, Peel Sound, Prince Regent Inlet, Rasmussen Basin	N WW	Number # seen/location Identification Movements heading	Pinnipeds Number Identification Movements Ice-associated Mammals Number Identification		Ice Coverage Type	
72-0105	Game Management Service*, Government of the N.W.T.	Mar. 7-June ?	Gulf of Boothia, Larsen Sound, M'Clintock Channel Victoria Strait			Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements		Ice Coverage Type	polar bear study

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
72-0111	Game Management Service*, Government of the N.W.T.	?	Arctic Bay	N	Number # landed Identification	Incomplete			
73-0117	Quebec Wildlife Service	July 14(?)-30(?)	Cunningham Inlet, Elwin Bay, Lancaster Sound, Maxwell Bay, Prince Regent Inlet	WW	Number #/photograph # of calves #/group #/distance from land Identification Morphometrics total length Age overall colour Movements heading Behaviour orientation to others				
73-0118	Arctic Biological Station	Aug. 02-07	Coronation Gulf, Creswell Bay, Cunningham Inlet, Elwin Bay, Maxwell Bay, Prince Regent Inlet, Radstock Bay	WW	Number # seen/location # of calves Identification Food Behaviour orientation to others nursing				
73-0120	Game Management Service*, Government of the N.W.T.	Mar. ?-June ?	Hadley Bay, Larsen Sound, M'Clintock Channel Victoria Strait			Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements		Ice Coverage Type	polar bear study

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
73-0123	Canadian Wildlife Service	July 24- Aug. 08	Barrow Strait, Gascoyne Inlet, Radstock Bay			Pinnipeds Number Identification Behaviour Ice-associated Mammals Number Identification Morphometrics Reproduction Food Movements Behaviour		Atmosphere Wind speed Wind direction Ice Coverage Type	polar bear study
73-0127	Game Management Service*, Government of the N.W.T.	?	Arctic Bay	N	Number # landed Identification	Incomplete			
74-0054	Fisheries & Marine Service, Dep. of Environment (for Dep. of Environment, Dep. of Indian Affairs & Northern Development, & Mineral Resources International)	Aug. ?-Sep. ?	Admiralty Inlet, Strathcona Sound	N	Number # seen/location #/group Identification	Birds Number Identification Pinnipeds Number Identification		Ice Coverage	
74-0111	Arctic Biological Station	July 04- Aug. 12	Admiralty Inlet, Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet,	BW N WW	Number # seen/location # of calves #/group # dead/location #/dist[illegible] from land	Phytoplankton Number Identification Zoobenthos Number Identification		Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
74-0111	Continued		Garnier Bay, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay, Resolute Bay		Identification Morphometrics total length maximum girth blubber thickness flipper shape Age # of dentine layers overall colour colour pattern # of scars scar pattern Reproduction genital structure presence of tusk Food stomach contents - identification Movements heading distance/time Behaviour dive time # underwater blows pushing slapping nipping tusks crossing flukes overlapping distance between individuals position in water flipper slapping head in air tail in air rolling on side turning at surface rock in mouth nursing call	Marine Fish Number Identification Pinnipeds Number Identification Ice-associated Mammals Number Identification		Ice Coverage Type Thickness Water Column Temperature Current speed Water level Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
74-0113	Canadian Wildlife Service	May ?, Aug. ?	Adams Sound, Admiralty Inlet, Barrow Strait, Croker Bay, Lancaster Sound, Maxwell Bay, Moffet Inlet, Peel Sound, Prince Regent Inlet, Radstock Bay, Strathcona Sound	N WW	Number # seen/location Identification	Birds Number Identification Food Pinnipeds Number Identification Behaviour Ice-associated Mammals Number Identification Reproduction Movements Behaviour		Ice Coverage Type	polar bear study
74-0114	Game Management Service*, Government of the N.W.T.	Mar. 20-May 01	Franklin Strait, Hadley Bay, Larsen Sound, Markham Strait, M'Clintock Channel Victoria Strait, Viscount Melville Sound, Wynniatt Bay			Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements		Ice Coverage Type	polar bear study
74-0116	LGL Ltd. (for Polar Gas Project)	Mar. ?-Sep. 04	Aston Bay, Baring Channel, Barrow Strait, Bellot Strait, Browne Bay, Creswell Bay, Franklin Strait, Guillemard Bay, Gulf of Boothia, James Ross Strait, M'Clintock Channel Ommanney Bay, Peel Sound, Prince Regent Inlet, Viscount Melville Sound	BW N WW	Number # seen/location # of calves #/group # dead/location Identification Reproduction presence of tusk Movements heading Behaviour orientation to ice edge	Birds Number Identification Pinnipeds Number Identification Behaviour Ice-associated Mammals Number Identification Reproduction		Atmosphere Atmospheric conditions Ice Coverage Type	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CHEMICAL	PHYSICAL	REMARKS
74-0120	Game Management Service*, Government of the N.W.T.	?	Arctic Bay, Resolute Bay	N	Number # landed # struck and lost Identification	Incomplete			
75-0075	LGL Ltd. (for Polar Gas Project)	May 31-Sep. 08	Allen Bay, Aston Bay, Baring Channel, Barrow Strait, Batty Bay, Bellot Strait, Brentford Bay, Browne Bay, Creswell Bay, Cunningham Inlet, Elwin Bay, Franklin Strait, Garnier Bay, James Ross Strait, Larsen Sound, Lord Mayor Bay, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay, Spence Bay, Thom Bay, Viscount Melville Sound, Wrottesley Inlet	BW N WW	Number # seen/location #/aerial transect line #/photograph # of calves #/group # landed # dead/location #/distance from aircraft Identification Morphometrics total length girth at anus maximum girth body deformity Age # of dentine layers overall colour Reproduction genital structure presence of tusk fetus present fetus length fetus width Food stomach contents - identification stomach contents - volume presence of birds Movements heading distance/time Behaviour orientation to others orientation to ice edge distance between individuals proximity to other species position in water	Marine Fish Number Identification Morphometrics Birds Number Identification Pinnipeds Number Identification Food Behaviour Ice-associated Mammals Number Identification Reproduction Food		Atmosphere Wind speed Precipitation Atmospheric conditions Ice Coverage Type Water Column Temperature Current direction Depth Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	

75-0076	Arctic Biological Station	June 03-06,
		July 23-
		Aug. 28
			Adams Sound,
			Admiralty Inlet,
			Barrow Strait,
			Lancaster Sound,
			Prince Regent Inlet
				BW
				N
				WW
					Number
					  # seen/location
					  # of calves
					  #/group
					  # landed
					  # struck and lost
					  # dead/location
					  #/distance from aircraft
					Identification
					Morphometrics
					  total length
					  exposed tusk length
					  tail width
					  girth at armpit
					  girth at anus
					  maximum girth
					  blubber thickness
					Age
					  # of dentine layers
					  # of mandible layers
					  overall colour
					  colour pattern
					  scar pattern
					Reproduction
					  presence of tusk
					  gonad length
					  gonad width
					  gonad depth
					  gonad volume
					  gonad weight
					  sperm present
					  spermatogenesis stages
					  epididymal tubule diameter
					  corpora lutea #
					  corpora lutea diameter
					  corpora albicantia #
					  corpora albicantia diameter
					  uterine cornua diameter
					  mammary gland width
					  mammary gland depth
					  fetus present
					  fetus length
					  milk present
						Pinnipeds
						  Number
						  Identification
						Ice-associated Mammals
						  Number
						  Identification
								Ice
								  Coverage
								  Type	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
75-0076	Continued				Food stomach contents - Identification Parasites parasites present Movements heading distance/time Behaviour tusk raising orientation to ice edge distance between individuals proximity to other species position in water				
75-0077	Fisheries & Marine Service, Dep. of Environment (for Dep. of Environment, Dep. of Indian Affairs & Northern Development, & Mineral Resources International)	July 23-Aug. 23	Adams Sound, Admiralty Inlet, Lancaster Sound, Moffet Inlet, Strathcona Sound	BW N WW	Number # seen/location #/aerial transect line # of calves #/group # struck and killed # distance from land Identification Reproduction presence of tusk Food Movements heading distance/time Behaviour tusk crossing over body tusks crossing orientation to others distance between individuals position in water	Birds Number Identification Food Movements Behaviour Pinnipeds Number Identification Behaviour Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements Behaviour		Ice Coverage Type	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
75-0127	Arctic Biological Station (for Arctic Islands Pipeline Project)	May 08-July 08	Aston Bay, Back Bay, Baring Channel, Barrow Strait, Browne Bay, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Viscount Melville Sound	N WW	Number # seen/location # of calves Identification Movements heading	Pinnipeds Number Identification Morphometrics Age Reproduction Food Behaviour Ice-associated Mammals Number Identification Movements		Atmosphere Wind speed Precipitation Atmospheric conditions Ice Coverage Type	seal study
75-0129	Fish & Wildlife Service, Government of the N.W.T. (for Dep. of Indian Affairs & Northern Development* & Mineral Resources International)	July 23-Aug. 23	Adams Sound, Admiralty Inlet, Baillarge Bay, Berlinguet Inlet, Franklin Strait, Gulf of Boothia, Hadley Bay, Jungerson Bay, Lancaster Sound, Larsen Sound, Markham Strait, M'Clintock Channel Strathcona Sound, Victoria Strait, Viscount Melville Sound, Wynniatt Bay	N	Number # dead/location Identification Behaviour rubbing another whale	Birds Number Identification Food Movements Behaviour Pinnipeds Number Identification Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements Behaviour		Ice Coverage Type	polar bear study

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
75-0130	Canadian Wild-life Service	Mar. 13-May 03	Admiralty Inlet, Barrow Strait, Franklin Strait, Peel Sound, Prince Regent Inlet, Resolute Bay	WW	Number # seen/location #/group Identification Movements heading	Pinnipeds Number Identification Morphometrics Age Behaviour Ice-associated Mammals Number Identification Age Reproduction Food Movements Behaviour		Ice Coverage Type	polar bear study
75-0131	Renewable Resources Consulting Services Ltd. (for Norlands Petroleums Ltd.)	Oct. 01-05, 26-27	Admiralty Inlet, Baillarge Bay, Blanley Bay, Burnett Inlet, Croker Bay, Cuming Inlet, Dundas Harbour, Elwin Inlet, Lancaster Sound, Maxwell Bay, Powell Inlet, Prince Regent Inlet, Stratton Inlet	BW KW N WW	Number # seen/location #/aerial transect line Identification Movements heading	Pinnipeds Number Identification Ice-associated Mammals Number Identification Reproduction Movements		Ice Coverage Type	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
75-0134	Acadia University	Aug. 25(?)-Sep. 11(?)	Admiralty Inlet, Barrow Strait, Lancaster Sound, Strathcona Sound			Zooplankton Number Identification Zoobenthos Number Identification Anadromous Fish Number Identification Age Birds Number Identification Terrestrial Mammals Number Identification			
75-0135	Canadian Wildlife Service	May 18-Sep. 24	Barrow Strait, Lancaster Sound, Prince Regent Inlet			Zooplankton Number Identification Marine Fish Number Identification Birds Number Identification Morphometrics Reproduction Food Movements Behaviour		Ice Coverage	bird study
75-0136	Freshwater Institute, Dep. of Fisheries & the Environment*	?	Arctic Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	N WW	Number # landed Identification		Incomplete		

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
76-0064	Arctic Biological Station	June 02-July 31	Admiralty Inlet, Lancaster Sound	BW N WW	Number # seen/location # of calves #/group #/distance from land Identification Age # of scars Reproduction presence of tusk Movements heading distance/time Behaviour dive time tusks crossing tusk raising lifting another whale orientation to others distance between individuals proximity to other species rolling on side turning at surface	Pinnipeds Number Identification Food Movements Behaviour Ice-associated Mammals Number Identification Reproduction Movements Behaviour		Atmosphere Wind speed Precipitation Atmospheric conditions Ice Coverage Type	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	

76-0065	Arctic Biological Station	Aug. 12-
		Sep. 13
			Admiralty Inlet	BW
				N
					Number
					  # seen/location
					  # landed
					Identification
					  tag #
					Morphometrics
					  total length
					  exposed tusk length
					  tail width
					  girth at armpit
					  girth at anus
					  maximum girth
					  blubber thickness
					Age
					  # of dentine layers
					  overall colour
					  colour pattern
					  scar pattern
					Reproduction
					  presence of tusk
					  gonad length
					  gonad width
					  gonad depth
					  gonad volume
					  gonad weight
					  sperm present
					  spermatogenesis stages
					  epididymal tubule diameter
					  corpora lutea #
					  corpora lutea diameter
					  corpora albicantia #
					  corpora albicantia diameter
					  fetus present
					  fetus length
					  milk present
					Food
					  stomach contents - identification
					Parasites
					  parasites present
								Ice Coverage	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CONCURRENT MEASUREMENTS CHEMICAL	CONCURRENT MEASUREMENTS PHYSICAL	REMARKS
76-0066	Fisheries & Marine Service, Dep. of Environment (for Dep. of Environment & Dep. of Indian Affairs & Northern Development)	Aug. 08-15	Adams Sound, Admiralty Inlet, Brentford Bay, Franklin Strait, Lancaster Sound, Larsen Sound, Lord Mayor Bay, Moffet Inlet, Strathcona Sound, Victoria Strait	N WW	Number # seen/location #/aerial transect line #/group Identification Reproduction presence of tusk Behaviour tusk crossing over body tusks crossing rubbing another whale orientation to others distance between individuals	Pinnipeds Number Identification Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements		Ice Coverage Type	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CONCURRENT MEASUREMENTS CHEMICAL	CONCURRENT MEASUREMENTS PHYSICAL	REMARKS
76-0107	Arctic Biological Station (for Arctic Islands Pipeline Project)	Apr. ?-May 28	Aston Bay, Barrow Strait, M'Clintock Channel Peel Sound, Viscount Melville Sound			Pinnipeds Number Identification Reproduction Behaviour Ice-associated Mammals Number Identification		Ice Coverage Type	seal study
76-0109	R. Webb Environmental Services Ltd. (for Shell Canada Resources Ltd.)	Sep. 24	Lancaster Sound	N WW	Number # seen/location Identification Movements heading			Atmosphere Wind direction Ice Coverage Type Water Column Wave climate	
76-0110	Canadian Wildlife Service	Aug. 02-Sep. 12	Barrow Strait, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Prince Regent Inlet, Radstock Bay			Birds Number Identification Age Reproduction Food Movements Behaviour		Atmosphere Wind speed Wind direction Atmospheric conditions Ice Coverage Type Water Column Wave climate	bird study

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CONCURRENT MEASUREMENTS CHEMICAL	CONCURRENT MEASUREMENTS PHYSICAL	REMARKS
76-0111	LGL Ltd. (for Norlands Petroleums Ltd.)	May 02 - Sep. 28	Admiralty Inlet, Croker Bay, Lancaster Sound	BW N WW	Number # seen/location #/aerial transect line # of calves #/group Identification Movements heading distance/time	Birds Number Identification Age Reproduction Movements Behaviour Pinnipeds Number Identification Movements Behaviour Ice-associated Mammals Number Identification Reproduction		Atmosphere Wind speed Wind direction Ice Coverage Type Water Column Wave climate	
76-0112	Renewable Resources Consulting Services Ltd. (for Norlands Petroleums Ltd.)	Feb. 18 - Sep. 23	Admiralty Inlet, Croker Bay, Dundas Harbour, Lancaster Sound	BW N WW	Number # seen/location #/aerial transect line #/group #/distance from land Identification Movements heading distance/time Behaviour orientation to others distance between individuals proximity to other species	Pinnipeds Number Identification Movements Behaviour Ice-associated Mammals Number Identification Movements		Ice Coverage Type Other Water Column Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CONCURRENT MEASUREMENTS CHEMICAL	CONCURRENT MEASUREMENTS PHYSICAL	REMARKS
76-0113	LGL Ltd. (for Polar Gas Project)	Aug. 11, Aug. 28- Sep. 30	Aston Bay, Back Bay, Barrow Strait, Batty Bay, Bellot Strait, Brentford Bay, Creswell Bay, Cunningham Inlet, Elwin Bay, Franklin Strait, Garnier Bay, Guillemard Bay, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay, Transition Bay	BW N WW	Number # seen/location #/aerial transect line #/photograph # of calves #/group Identification Age colour pattern Reproduction presence of tusk Food presence of birds Movements heading distance/time swimming under ice Behaviour orientation to others orientation to ice edge distance between individuals proximity to other species	Epontics Number Identification Marine Fish Number Identification Birds Number Identification Age Reproduction Food Movements Behaviour Pinnipeds Number Identification Movements Behaviour Ice-associated Mammals Number Identification Food Movements Behaviour		Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Coverage Type Water Column Current speed Current direction Wave climate	
76-0114	Freshwater Institute, Dep. of Fisheries & Oceans	?	Arctic Bay, Creswell Bay, Resolute Bay	N WW	Number # landed Identification		Incomplete		
76-0115	University of Arkansas	July 22- Aug. 03	Creswell Bay, Prince Regent Inlet	BW	Number # dead/location Identification				additional measurements made but not specified
76-0116	?	?	Arctic Bay	N	Identification Morphometrics tusk length tusk weight				

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
77-0015	LGL Ltd. (for Polar Gas Project)	May 19-29, June 01-30, Aug. 24- Sep. 04	Allen Bay, Aston Bay, Bellot Strait, Brentford Bay,	N	Number # seen/location Identification	Phytoplankton Number Identification Zooplankton Number Identification Morphometrics Movements Phytobenthos Number Identification Zoobenthos Number Identification Morphometrics Reproduction Behaviour Epontics Number Identification Morphometrics Reproduction Behaviour Marine Fish Number Identification Morphometrics Age Reproduction Birds Number Identification Age Reproduction Food Movements Behaviour Pinnipeds Number Identification Age Behaviour	Water Column Nutrients Chlorophyll	Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Coverage Type Thickness Other Water Column Temperature Salinity Depth Substrate Particle size	only information collected at Aston Bay or Brentford Bay has been analyzed and reported

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
77-0015	Continued					Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			
77-0016	LGL Ltd. (for Petro-Canada Explorations, Inc.)	June 04-15, July 01-15, July 31-Aug. 31	Bridport Inlet, Skene Bay. Viscount Melville Sound, Winter Harbour	none	none	Phytoplankton Number Identification Zooplankton Number Identification Morphometrics Age Reproduction Food Parasites Movements Behaviour Phytobenthos Number Identification Zoobenthos Number Identification Morphometrics Age Reproduction Food Movements Behaviour Epontics Number Identification Morphometrics Age Reproduction Food Movements Behaviour	Water Column Nutrients Chlorophyll Dissolved oxygen	Ice Coverage Type Thickness Other Water Column Temperature Salinity Current speed Current direction Depth Sediment Particle size	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CONCURRENT MEASUREMENTS CHEMICAL	CONCURRENT MEASUREMENTS PHYSICAL	REMARKS
77-0016	Continued					Marine Fish Number Identification Morphometrics Age Reproduction Food Behaviour Birds Number Identification Pinnipeds Number Identification Behaviour Ice-associated Mammals Number Identification Reproduction Movements			
77-0113	Arctic Biological Station	July 18- Aug. 10	Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	N WW	Number # seen/location #/photograph # of calves #/group Identification tag #			Atmosphere Wind speed Atmospheric conditions Ice Coverage Type	
77-0114	Freshwater Institute, Dep. of Fisheries & Oceans	?	Arctic Bay, Resolute Bay	N WW	Number # landed Identification	Incomplete			
77-0115	C.G.S. Louis St Laurent	May ? - ?	Lancaster Sound	BW	Number # seen/location Identification		Incomplete		

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
77-0116	Wildlife Service, Government of the N.W.T.	Mar. (?)-June (?)	Brentford Bay, Franklin Strait, Gulf of Boothia, Larsen Sound, Lord Mayor Bay, Victoria Strait			Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements		Ice Coverage Type	polar bear study
78-0106	LGL Ltd. (for Petro-Canada Explorations Inc., Baffin Bay EAMES program)	Mar. 15-16, Apr. 18-20	Lancaster Sound	WW	Number # seen/location # of calves Identification	Birds Number Identification Pinnipeds Number Identification		Ice Coverage Type	see Appendix
78-0107	Wildlife Service, Government of the N.W.T.	Mar. (?)-June (?)	Gulf of Boothia, Lord Mayor Bay, Pelly Bay, Thom Bay			Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements		Ice Coverage Type	polar bear study
78-0108	LGL Ltd. (for Petro-Canada Explorations Inc., Baffin Bay EAMES program)	May 04-Oct. 10	Adams Sound, Admiralty Inlet, Blanley Bay, Burnett Inlet, Croker Bay, Cuming Inlet, Dundas Harbour, Gascoyne Inlet, Graham Harbour, Hobhouse Inlet, Lancaster Sound, Maxwell Bay, Powell Inlet, Radstock Bay, Rigby Bay, Stratton Inlet, Strathcona Sound	BW KW N WW	Number # seen/location #/aerial transect line # of calves #/group #/distance from aircraft #/distance from land #/distance from ice edge Identification Reproduction presence of tusk Food Movements heading distance/time	Birds Number Identification Movements Pinnipeds Number Identification Movements Behaviour		Atmosphere Wind speed Atmospheric conditions Ice Coverage Type Water Column Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
78-0109	Freshwater Institute, Dep. of Fisheries & Oceans	?	Arctic Bay, Creswell Bay, Pelly Bay, Resolute Bay, Spence Bay	N WW	Number # landed Identification	Incomplete			
78-0110	Dep. of Fisheries & Oceans	July 27-Aug. 01	Barrow Strait, Creswell Bay, Resolute Bay	BW N WW	Number # seen/location #/group # dead/location Identification Behaviour disturbing mud mating	Incomplete			
79-0067	LGL Ltd. (for Petro-Canada Explorations Inc., Baffin Bay EAMES program)	May 09-July 22	Croker Bay, Lancaster Sound	N WW	Number # seen/location #/aerial transect line # of calves #/group #/distance from ice edge Identification Reproduction presence of tusk Movements heading	Birds Number Identification Movements Behaviour Pinnipeds Number Identification Movements Behaviour Ice-associated Mammals Number Identification Food Movements		Atmosphere Wind speed Atmospheric conditions Ice Coverage Type Water Column Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CONCURRENT MEASUREMENTS CHEMICAL	CONCURRENT MEASUREMENTS PHYSICAL	REMARKS

79-0109	Arctic Biological Station	June 23-Aug. 02	Lancaster Sound	BW
				N
				WW
					Number
					  # seen/location
					  # of calves
					  #/group
					Identification
					Morphometrics
					  # of tusks
					Reproduction
					  presence of tusk
					Movements
					  heading
					Behaviour
					  proximity to other species
						Pinnipeds
						  Number
						  Identification
						  Age
						  Movements
						  Behaviour
						Ice-associated Mammals
						  Number
						  Identification
						  Morphometrics
						  Reproduction
						  Movements
								Atmosphere
								  Precipitation
								  Atmospheric conditions
								Ice
								  Coverage
								Water Column
								  Wave climate	

79-0110	LGL Ltd. (for Petro-Canada Explorations Inc., Baffin Bay EAMES program)	Sep. 08-Oct. 17	Admiralty Inlet, Barrow Strait, Croker Bay, Lancaster Sound	BW
				N
				WW
					Number
					  # seen/location
					  #/aerial transect line
					  # of calves
					  #/group
					  #/distance from ice edge
					Identification
					Reproduction
					  presence of tusk
					Food
					Movements
					  heading
					  distance/time
					Behaviour
					  orientation to ice edge
						Birds
						  Number
						  Identification
						  Movements
						  Behaviour
						Pinnipeds
						  Number
						  Identification
						  Movements
						  Behaviour
						Ice-associated Mammals
						  Number
						  Identification
						  Reproduction
						  Behaviour
								Atmosphere
								  Wind speed
								  Atmospheric conditions
								Ice
								  Coverage
								  Type	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
79-0111	LGL Ltd. (for Petro-Canada Explorations Inc., Arctic Biological Station & Polar Continental Shelf Project)	Aug. 17-Sep. 04	Adams Sound, Admiralty Inlet, Autridge Bay, Baillarge Bay, Barrow Strait, Bernier Bay, Creswell Bay, Cunningham Inlet, Fury & Hecla Strait, Gulf of Boothia, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay, Strathcona Sound	BW N WW	Number # seen/location #/aerial transect line # of calves #/group Identification Age overall colour Reproduction presence of tusk Movements heading Behaviour position in water	Birds Number Identification Movements Behaviour Pinnipeds Number Identification Behaviour Ice-associated Mammals Number Identification		Atmosphere Wind speed Atmospheric conditions Ice Coverage Type	
79-0112	Makivik Corporation	?	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	N WW	Number # landed Identification	Incomplete			
79-0113	Dep. of Fisheries & Oceans	Oct. 09-17	Agu Bay	N	Number # seen/location # of calves # landed # struck, killed and lost Identification Reproduction genital structure presence of tusk Food stomach contents			Ice Coverage	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CONCURRENT MEASUREMENTS CHEMICAL	CONCURRENT MEASUREMENTS PHYSICAL	REMARKS
80-0024	Canadian Wildlife Service	June 21-July 08	Baring Channel, Barrow Strait, Hadley Bay, Liddon Gulf, M'Clintock Channel M'Clure Strait, Peel Sound, Prince of Wales Strait, Viscount Melville Sound	WW	Number #/aerial transect line # of calves #/group #/distance from aircraft Identification Movements heading	Pinnipeds Number Identification Behaviour Ice-associated Mammals Number Identification Reproduction Movements Terrestrial Mammals Number Identification		Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Coverage Type	seal study
80-0030	Canadian Wildlife Service (for Dome Petroleum Ltd., Esso Resources Canada Ltd., & Dep. of Energy, Mines & Resources)	Aug. 12-13	M'Clure Strait, Prince of Wales Strait, Richard Collinson Inlet, Viscount Melville Sound			Birds Number Identification Age			bird study
80-0103	Arctic Biological Station	July 30-Aug. 08	Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	N WW	Number # seen/location # of calves Identification Age scar pattern Behaviour dive time surface time time between blows # blows/surfacing # surfacings/time # calls/whale # calls/type/time call duration call frequency spectrum pulse rate	Pinnipeds Number Identification		Ice Coverage Type	additional information on behaviour recorded but not analyzed and reported

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
80-0104	Makivik Corporation	?	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	N	Number # landed Identification	Incomplete			
81-0024	Canadian Wildlife Service	June 22-July 10	Baring Channel, Barrow Strait, Hadley Bay, Liddon Gulf, M'Clintock Channel M'Clure Strait, Peel Sound, Prince of Wales Strait, Viscount Melville Sound	N WW	Number #/aerial transect line # of calves #/group #/distance from aircraft Identification Age colour pattern Movements heading	Pinnipeds Number Identification Behaviour Ice-associated Mammals Number Identification Reproduction Terrestrial Mammals Number Identification		Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Coverage Type	seal study
81-0100	Arctic Biological Station, Dep. of Fisheries & Oceans	?	Aston Bay, Barrow Strait, Bellot Strait, Burnett Inlet, Creswell Bay, Croker Bay, Cunningham Inlet, Fitzgerald Bay, Garnier Bay, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	BW N WW	Number # seen/location #/aerial transect line #/photograph # of calves #/group Identification Behaviour dive time surface time time between blows # blows/surfacing # surfacings/time # calls/whale # calls/type/time call duration call frequency spectrum pulse rate	Pinnipeds Number Identification		Atmosphere Precipitation Atmospheric conditions Ice Coverage Type	additional information on behaviour recorded but not analyzed and reported

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
82-0011	Canadian Wild-life Service	July 01-03	Barrow Strait	none	none	Pinnipeds Number Identification		Atmosphere Wind speed Atmospheric conditions Ice Coverage Type	seal study
82-0098	Arctic Biological Station, Dep. of Fisheries & Oceans	June ?-Aug. ?	Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	N WW	Number # seen/location #/photograph # of calves #/group Identification Behaviour dive time surface time time between blows # blows/surfacing # surfacings/time # calls/whale # calls/type/time call duration call frequency spectrum pulse rate			Ice Coverage Type	additional information on behaviour recorded but not analyzed and reported

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
82-0104	LGL Ltd. (for Dep. of Indian Affairs & Northern Development)	June 24-July 07	Admiralty Inlet, Lancaster Sound, Strathcona Sound	BW N WW	Number # seen/location # of calves #/group # of male pods # landed #/distance from vessel #/distance from ice edge Identification Morphometrics flipper shape Age scar pattern Reproduction presence of tusk Food presence of birds Movements heading distance/time distance/dive swimming under ice Behaviour dive time surface time tusk raising touching another whale orientation to vessel orientation to ice edge distance between individuals proximity to other species position in water disturbing mud flipper in air rolling on side # calls/type/time call duration call frequency spectrum pulse rate	Marine Fish Number Identification Birds Number Identification Food Pinnipeds Number Identification Movements Behaviour		Atmosphere Wind speed Ice Coverage Type Other	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
83-0048	Freshwater Institute, Dep. of Fisheries & Oceans	Aug. ?-Sep. ?	Admiralty Inlet	N	Number #/group # landed Identification Morphometrics total length snout-to-blowhole length snout-to-anus length snout-to-genital slit length snout-to-umbilicus length snout-to-flipper length snout-to-eye length snout-to-ear length snout-to-angle of mouth length flipper length flipper width tail width girth at eye girth at armpit girth at navel girth at anus total tusk length exposed tusk length tusk circumference eye-to-ear length eye-to-blowhole length eye-to-angle of mouth length blowhole width tail notch depth blubber thickness muktuk thickness tusk weight Age colour pattern # of scars scar pattern Reproduction genital structure presence of tusk corpora lutea # uterine cornua diameter mammary gland depth			Atmosphere Wind speed Atmospheric conditions Ice Type Water Column Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
83-0048	Continued				milk volume milk colour milk consistency milk opaqueness Food stomach contents - Identification				
83-0049	Freshwater Institute, Dep. of Fisheries & Oceans	Aug. ?-Sep. ?	Prince Regent Inlet	N WW	Number #/aerial transect line #/photograph # of calves #/group Identification Reproduction presence of tusk Movements heading			Atmosphere Wind speed Precipitation Atmospheric conditions Ice Coverage Type Water Column Temperature Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
83-0050	University of Manitoba (for World Wildlife Fund)	July 01- Aug. 27	Adams Sound, Admiralty Inlet, Lancaster Sound, Strathcona Sound	BW N	Number # seen/location #/photograph # of calves #/group Identification Age # of scars Movements heading swimming under ice Behaviour dive time surface time time between blows # blows/surfacing # surfacings/time tusk crossing over body tusks crossing tusk raising rubbing another whale orientation to others synchrony among animals position in water breaching tail slapping spy-hopping tail in air bobbing swimming in circles rolling on side			Atmosphere Wind speed Precipitation Atmospheric conditions Ice Coverage Type Water Column Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
83-0052	Arctic Biological Station, Dep. of Fisheries & Oceans	June ?-Aug. ?	Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	WW	Number # seen/location Identification Movements heading Behaviour # calls/whale # calls/type/time call duration call frequency spectrum pulse rate				additional information on behaviour recorded but not analyzed and reported
83-0055	LGL Ltd. (for Dep. of Indian Affairs & Northern Development)	June 17-July 10	Lancaster Sound	N WW	Number # seen/location #/photograph # of calves #/group # of male pods # landed # struck, killed and lost # dead/location #/distance from vessel #/distance from ice edge Identification Morphometrics total length tusk length Age scar pattern Reproduction presence of tusk association with calf Movements heading distance/time swimming under ice Behaviour dive time surface time time between blows chasing tusks crossing sweeping	Birds Number Identification Pinnipeds Number Identification Behaviour		Atmosphere Wind speed Wind direction Precipitation Atmospheric conditions Ice Coverage Type Thickness Water Column Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS BIOLOGICAL	CHEMICAL	PHYSICAL	REMARKS
83-0055	Continued				touching another whale orientation to ice edge synchrony among animals distance between individuals proximity to other species position in water tail slapping flukes in air swimming in circles rolling on side # calls/type/time call duration call frequency spectrum call intensity pulse rate			Atmosphere	
84-0004	Freshwater Institute, Dep. of Fisheries & Oceans	Aug. 29-Sep. 19	Barrow Strait, Resolute Bay	WW	Number # landed Identification				
84-0024	Freshwater Institute, Dep. of Fisheries & Oceans	June 24-26	Barrow Strait	none	none	Pinnipeds Number Identification Ice-associated Mammals Number Identification		Atmosphere Wind speed Atmospheric conditions Ice Coverage Type	seal study
84-0025	Freshwater Institute, Dep. of Fisheries & Oceans	Aug. ?-Sep. ?	Peel Sound, Prince Regent Inlet	BW N WW	Number #/photograph # of calves #/group Identification			Atmosphere Wind speed Precipitation Atmospheric conditions Ice Coverage Type Water Column Temperature Wave climate	

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
84-0026	University of Manitoba (for World Wildlife Fund)	July 01-Aug. 27	Adams Sound, Admiralty Inlet, Moffet Inlet, Strathcona Sound	BW N WW	Number # seen/location #/photograph #/group Identification Movements heading distance/time swimming under ice Behaviour dive time surface time time between blows # blows/surfacing # surfacings/time tusk raising rubbing another whale orientation to others synchrony among animals proximity to other species position in water bobbing swimming in circles rolling on side			Atmosphere Wind speed Precipitation Atmospheric conditions Ice Coverage Type Water Column Temperature Wave climate	
84-0027	Arctic Biological Station, Dep. of Fisheries & Oceans	June ?-Aug. ?	Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	BW WW	Number # seen/location #/group Identification Age scar pattern Behaviour # calls/whale # calls/type/time call duration call frequency spectrum pulse rate				additional information on behaviour recorded but not analyzed and reported

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	WHALE MEASUREMENTS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
84-0028	Arctic Biological Station (for Freshwater Institute)	Aug. 07-Sep. 06	Admiralty Inlet, Lancaster Sound, Prince Regent Inlet	BW N WW	Number # seen/location # dead/location Identification Morphometrics total length Age colour pattern scar pattern Movements heading Behaviour dive time orientation to others proximity to other species	Zooplankton Number Identification Pinnipeds Number Identification			
84-0031	LGL Ltd. (for Dep. of Indian Affairs & Northern Development)	June 27-July 02	Lancaster Sound	N WW	Number # seen/location #/aerial transect line #/group # landed #/distance from aircraft #/distance from vessel #/distance from ice edge Identification Movements heading distance/time swimming under ice Behaviour orientation to ice edge position in water flipper in air porpoising swimming in circles swimming on side			Atmosphere Precipitation Atmospheric conditions Ice Coverage Type Water Column Wave climate	

8.2 DATA INVENTORY TABLE 2: WHALE MEASUREMENTS, SAMPLING INTENSITY AND METHODOLOGY, AND RATING

Data Inventory Table 2 presents details about each of the specific measurements in each data set. Data sets are in chronological order according to identification number. Data sets with no actual whale measurements are not listed here. Information on the measurements contained in each column and the abbreviations used are given below by column. Abbreviations used throughout the table are:

NA = not applicable;

NC = not calculated; and

NS = not specified.

DATA SET I.D.

Each identification (I.D.) number is unique to a data set; all subsequent references to data sets are by I.D. numbers. The first two digits of the I.D. refer to the last two digits of the year that data collection commenced; the last four digits are assigned to the data set. The subscript $_{18}$ indicates data sets obtained in the 1800s.

SPECIES

Only whale species for which measurements were inventoried are listed. The abbreviations used are:

BW = bowhead whale (Balaena mysticetus);

KW = killer whale (Orcinus orca);

N = narwhal (Monodon monoceros); and,

WW = white whale (Delphinapterus leucas).

MEASUREMENTS

Specific measurements for each species are listed by data set. The measurements are organized by category, as in Data Inventory Table 1, but category names are not indicated.

UNITS

This column indicates the unit(s) used when obtaining each measurement. All of the units used for each measurement have been indicated; "or" has been used to separate different units. Slashes separate different parts of the same unit (e.g., number of whales seen per two-minute time period

= whales/time period). Commas have been used between slashes to separate the different entities used for one part of a unit (e.g., presence, whales/time period means during some time periods the number of whales were counted and during other time periods only presence or absence of whales was recorded). Metric units have been abbreviated; imperial units have been spelled out. "Description" has been used to indicate when a series of several entities has served as one unit. "Relative" indicates the use of imprecise units, such as "few", "many", "small", "large".

NO. OF SAMPLES

For most measurements, this column indicates the number of whales sampled. Exceptions include:

# seen/location, for which # of sightings is indicated;

#/aerial transect line, for which # of lines surveyed is indicated;

#/group, for which # of groups is indicated;

# of male pods, for which # of pods is indicated;

behaviour measurements, other than call measurements, for which # of sightings is indicated; and

call measurements, for which length of time of analyzed recording is indicated.

For some data sets, only the relative frequency of occurrence of a measurement is given in the report, and these are indicated. Abbreviations used include:

A = always;

F = frequently; and

R = rarely.

COLLECTION

The sampling methods used to obtain the data are detailed in this column. Abbreviations include:

RAS; A; Bm; C km/h; Dm = reconnaissance aerial survey; "A" type of aircraft used; flown at "B" altitude in metres; ground speed of "C" kilometres per hour; transect width of "D" metres.

RIS = reconnaissance ice survey.

RS = reconnaissance survey; usually this is followed "by foot" or "by dog sled".

RVS; E; Fm; G km/h; Hm = reconnaissance vessel survey; "E" type of vessel used; observation point "F" metres above sea level; speed of "G" kilometres per hour; transect width of "H" metres.

SAS; I; Jm; K km/h; Lm = systematic aerial survey; "I" type of aircraft used; flown at "J" altitude in metres; ground speed of "K" kilometres per hour; transect width of "L" metres.

All the types of aircraft or vessels used, and the range of altitudes maintained, or speeds used, or transect widths surveyed are indicated.

STORAGE

Details of the form of storage of the observation (e.g., photographs) or tissue (e.g., 10% formalin) are described.

ANALYSIS

Techniques used to assess details on photographs or to analyze tape recordings or to measure parts of tissues on slides are indicated. This column does not indicate statistical analyses performed on the data.

PRECISION/ACCURACY

If repeated measurements were made on a sample, the level of random error (precision) is indicated. If the technique was tested against a known standard, the level of systematic error (accuracy) is given. Approximations or estimations of the level of reliability of the data (precision and accuracy) are given in some instances. For most measurements, precision and accuracy were not determined.

RATING

A rating is assigned to each measurement using the criteria outlined in the appropriate rating chart in Section 6.3 of the text. The rationale for each of the criteria is outlined in Section 6.4. Each "1" and "3" rating and some "2" ratings are explained, often by numbered notes. (No "0" rating was assigned.) "See Appendix" is used when additional information pertinent to rating the data is given in Appendix 1. If different values for one type of measurement received different ratings (e.g., some values of dive time were for recognized individuals and other values assumed only one whale was in the viewing area), then both ratings are indicated.

Identification measurements are not rated. Numbered notes are defined as follows:

Note 1 = Equipment used was inappropriate;

Note 2 = Observers did not have experience making the measurement;

Note 4 = Measurement (or its unit) has multiple interpretations;

Note 7 = Measurement procedures were not calibrated using a known standard;

Note 8 = Individual whales were not recognized;

Note 9 = This type of measurement may not be included in this data set;

Note 10 = Observers were not tested relative to other observers;

Note 12 = Lengths of observation periods were not indicated;

Note 13 = Aircraft did not circle to confirm the value(s) obtained;

Note 14 = A partial measurement was made and extrapolated to the whole;

Note 16 = Reference point (true north or magnetic north) was not indicated; and,

Note 17 = Yaw of plane was not recorded.

REMARKS

Additional comments which describe sampling intensity and/or methodology, but have little or no effect on the ratings, are given in this column. Comments common to several data sets are indicated by numbered notes, defined as follows:

Note 3 = Range of values was indicated with no indication of the number of data points and/or the actual values;

Note 5 = The side of the aircraft on which each observation was made was not indicated;

Note 6 = Mean or average value was given;

Note 11 = Maximum and/or minimum value of measurement for species was indicated; and

Note 15 = Off-transect animals were recorded.

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
$_{18}$20-0001	BW	# seen/location	relative/general	1	RVS; whaling vessel; NS; NS; NS	NA	NA	NS	2 Note 4	
		identification	"fish"	1	RVS; whaling vessel; NS; NS; NS	NA	NA	NA	NA	
$_{18}$23-0001	BW	# seen/location	relative/general	1	NS	NA	NA	NS	2 Note 4	
		identification	"whales"	1	NS	NA	NA	NA	NA	
$_{18}$30-0001	BW	# seen/location	relative/general	1	RVS; whaling vessel; NS; NS; NS	NA	NA	NS	2 Note 4	
		# struck and lost	relative	1	NS	NA	NA	NS	2 Note 4	
		identification	species?	A	RVS; whaling vessel; NS; NS; NS NS	NA	NA	NA	NA	
$_{18}$68-0001	BW	# killed/location	whales/general	1	RVS; whaling vessel; NS; NS; NS	NA	NA	NS	2 Note 4	
		identification	"whales"	1	RVS; whaling vessel; NS; NS; NS	NA	NA	NA	NA	
$_{18}$71-0001	BW	# seen/location	relative/general	3	RVS; whaling vessel; NS; NS; NS	NA	NA	NS	2 Note 4	
		# killed/location	relative, whales/ general	2	RVS; whaling vessel; NS; NS; NS	NA	NA	NS	2 Note 4	
		identification	"whales"	A	RVS; whaling vessel; NS; NS; NS	NA	NA	NA	NA	
	N	# seen/location	relative/general	1	RVS; whaling vessel; NS; NS; NS	NA	NA	NS	2 Note 4	
		identification	species	1	RVS; whaling vessel; NS; NS; NS	NA	NA	NA	NA	
$_{18}$73-0001	BW	# of calves	"suckers"	2	RVS; whaling vessel; NS; NS; NS	NA	NA	NS	2 Note 4	
		# killed/location	whales/general/day	15	RVS; whaling vessel; NS; NS; NS	NA	NA	NS	2 Note 4	
		identification	"whales"	A	RVS; whaling vessel; NS; NS; NS NS	NA	NA	NA	NA	
		baleen length	inches	15	NS	NA	NA	NS	2	
		baleen weight	hundredweights	15	NS	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
$_{18}$73-0001 Cont'd		oil weight	hundredweights	15	NS	NA	NA	NS	2	
		genital structure	male, female	15	NS	NA	NA	NS	2 Note 9	
$_{18}$74-0001	N	# landed	whales/vessel/year	1	NS	NA	NA	NS	2	
		identification	species	1	NS	NA	NA	NA	NA	
$_{18}$84-0001	N	# of calves	calves	1	NS	NA	NA	NS	2 Note 4	
		# landed	whales/vessel/year	1	NS	NA	NA	NS	2	
		# struck and lost	minimum # of whales	1	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
		presence of tusk	female	4	NS	NA	NA	NS	2 Note 9	
$_{18}$84-0002	N	# landed	whales/vessel/year	1	NS	NA	NA	NS	2	
		# struck and lost	minimum # of whales	1	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
$_{18}$86-0001	WW	# landed	whales/area/year or whales/vessel/year	2	NS	NA	NA	NS	2	Area not clearly indicated for 1 value.
		identification	species	2	NS	NA	NA	NA	NA	
$_{18}$87-0001	WW	# landed	whales/area/year or whales/vessel/year	2	NS	NA	NA	NS	2	Area not clearly indicated for 1 value.
		identification	species	2	NS	NA	NA	NA	NA	
$_{18}$90-0002	WW	# landed	whales/area/year or whales/vessel/year	2	NS	NA	NA	NS	2	
		identification	species	2	NS	NA	NA	NA	NA	
$_{18}$91-0001	WW	# landed	whales/area/year	1	NS	NA	NA	NS	2	
		identification	species	1	NS	NA	NA	NA	NA	
$_{18}$92-0001	WW	# landed	whales/area/year	1	NS	NA	NA	NS	2	
		identification	species	1	NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
$_{18}$94-0003	WW	# landed	whales/vessel/time period or whales/ area/year	2	NS	NA	NA	NS	2	
		identification	species	2	NS	NA	NA	NA	NA	
$_{18}$95-0002	WW	# landed	whales/area/year	1	NS	NA	NA	NS	2	
		identification	species	1	NS	NA	NA	NA	NA	
$_{18}$98-0001	N	# landed	whales/general	1	NS	NA	NA	NS	2 Note 4	
		identification	species	1	NS	NA	NA	NA	NA	
	WW	# landed	minimum whales/ general area	2	NS	NA	NA	NS	2 Note 4	
		identification	species	2	NS	NA	NA	NA	NA	
03-0004	BW	# seen/location	presence/general	1	NS	NA	NA	NS	2 Note 4	
		identification	species	1	NS	NA	NA	NA	NA	
	WW	# landed	relative/general	2	NS	NA	NA	NS	2 Note 4	
		identification	species	2	NS	NA	NA	NA	NA	
08-0001	BW	# seen/location	whales/general	1	RVS; NS; NS; NS; NS	NA	NA	NS	2 Note 4	
		identification	species	1	RVS; NS; NS; NS; NS	NA	NA	NA	NA	
	N	# seen/location	relative/general	3	RVS; NS; NS; NS; NS	NA	NA	NS	2 Note 4	
		#/group	whales/group	NS	RVS; NS; NS; NS; NS	NA	NA	NS	2	
		identification	species	A	RVS; NS; NS; NS; NS	NA	NA	NA	NA	
		# of tusks	tusks	NS	RVS; NS; NS; NS; NS	NA	NA	NS	2	
		overall colour	hues	NS	RVS; NS; NS; NS; NS	NA	NA	NS	2 Note 4	
		presence of tusk	presence	NS	RVS; NS; NS; NS; NS	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
21-0001	BW	# seen/location	relative/general	1	Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	1	Incidental reports	NA	NA	NA	NA	
	KW	# seen/location	presence/general	1	NS	NA	NA	NS	2 Note 4	
		identification	species	1	NS	NA	NA	NA	NA	
		heading	description	1	NS	NA	NA	NS	2	
	N	# seen/location	presence, relative/ general	4	RVS; NS; NS; NS; NS Hunters' interviews NS	NA	NA	NS	2 Note 4	
		# of calves	foetuses or calves	NS	NS	NA	NA	NS	2 Note 9	
		# landed	whales/community	1	NS	NA	NA	NS	2	
		# dead/location	whales/general	1	Hunters' interviews	NA	NA	NS	2 Note 4	
		identification	species	A	RVS; NS; NS; NS; NS Hunters' interviews Field examination of harvested whales NS	NA	NA	NA	NA	
		total tusk length	percent shrinkage	1	NS	NA	NA	NS	2 Note 9	
		# of tusks	tusks/whale	NS	NS	NA	NA	NS	2 Note 9	
		spiral direction	right-hand	NS	NS	NA	NA	NS	2 Note 9	
		overall colour	hues	NS	NS	NA	NA	NS	2 Note 9	
		colour pattern	description	NS	NS	NA	NA	NS	2 Note 9	
		blubber colour	hues	NS	NS	NA	NA	NS	2 Note 9	
		mud on body	presence	NS	NS	NA	NA	NS	2 Note 9	
		presence of tusk	presence	1	Hunters' interviews	NA	NA	NS	4	
		food	presence, identified to common names	NS	Field examination of harvested whales	NA	NA	NS	2 Note 9	
		heading	compass points	NS	NS	NA	NA	NS	2	
		dive time	minutes	NS	NS	NA	NA	NS	2 Note 9	Note 6

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
21-0001 Cont'd		nudging	description	NS	Hunters' interviews	NA	NA	NS	2	
		pushing	description	NS	Hunters' interviews	NA	NA	NS	2	
		tusk raising	description	NS	NS	NA	NA	NS	2 Note 9	
		orientation to others	description	NS	NS	NA	NA	NS	2 Note 9	
		synchrony among animals	description	NS	NS	NA	NA	NS	2 Note 9	
		position in water	description	NS	NS	NA	NA	NS	2 Note 9	
		spy-hopping	description	NS	NS	NA	NA	NS	2 Note 9	
		head in air	description	NS	NS	NA	NA	NS	2 Note 9	
		tail in air	description	NS	NS	NA	NA	NS	2 Note 9	
		bobbing	presence	NS	NS	NA	NA	NS	2 Note 9	
		call	description	NS	NS	NA	NA	NS	2 Note 9	
	WW	# seen/location	presence/general	1	NS	NA	NA	NS	2 Note 4	See Appendix
		identification	species	1	NS	NA	NA	NA	NA	
33-0003	WW	# seen/location	relative/general	1	Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	1	Incidental reports	NA	NA	NA	NA	
37-0016	N	# seen/location	relative/general/day	3	NS	NA	NA	NS	2 Note 4	
		# landed	relative, whales/day	3	NS	NA	NA	NS	2 Note 4	
		# struck and lost	relative	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
38-0012	N	# seen/location	relative/general	4	NS	NA	NA	NS	2 Note 4	
		# landed	relative/day	2	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
39-0004	BW	# seen/location	presence/general	1	NS	NA	NA	NS	2 Note 4	
		# struck and lost	whales/general	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
	N	# seen/location	presence/general	1	NS	NA	NA	NS	2 Note 4	
		# dead/location	whales/general	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
40-0010	BW	# dead/location	presence, relative/ general		RS by dog sled RVS; 32m schooner; NS; NS; NS	NA	NA	NS	2 Note 4	See Appendix
		identification	presence of whale-bone or species	NS	RS by dog sled RVS; 32m schooner; NS; NS; NS	NA	NA	NA	NA	
		total length	feet	1	RVS; 32m schooner; NS; NS; NS	NA	NA	NS	1 Note 1	
	N	# seen/location	presence/general	1	RVS; 32m schooner; NS; NS; NS	NA	NA	NS	2 Note 4	
		identification	species	A	RVS; 32m schooner; NS; NS; NS	NA	NA	NA	NA	
		presence of tusk	presence	1	RVS; 32m schooner; NS; NS; NS	NA	NA	NS	4	
		position in water	description	1	RVS; 32m schooner; NS; NS; NS	NA	NA	NS	2 Note 4	
40-0012	N	# landed	whales/day	2	NS	NA	NA	NS	2	
		# struck and lost	relative/day	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
		presence of tusk	presence	1	NS	NA	NA	NS	2	
46-0003	BW	# dead/location	presence, relative/ general	3	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	See Appendix

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					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
46-0003 Cont'd	KW	# seen/location	presence/general	1	Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	1	Incidental reports	NA	NA	NA	NA	
		food	description	1	Incidental reports	NA	NA	NS	2 Note 4	
	N	# seen/location	relative, whales/ general	3	Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	A	Incidental reports	NA	NA	NA	NA	
	WW	# seen/location	relative/general/ time period or whales/general	3	RAS; helicopter; NS; NS; NS Incidental reports NS	NA	NA	NS	2 Note 4	
		#/group	whales/group	1	NS	NA	NA	NS	2 Note 4	
		#/distance from land	relative or whales/yards	2	Incidental reports NS	NA	NA	NS	2 Note 4	
		# dead/location	relative, whales/ general	2	NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; helicopter; NS; NS; NS Incidental reports Hunters' interviews NS	NA	NA	NA	NA	
		total length	feet	1	NS	NA	NA	NS	2	
		overall colour	hues	3	NS	NA	NA	NS	2 Note 4	
		kelp on body	description	1	NS	NA	NA	NS	2	
		heading	description or compass points	3	Incidental reports NS	NA	NA	NS	2	
		swimming under ice	description	1	Hunters' interviews	NA	NA	NS	2 Note 4	
		distance between individuals	relative	1	NS	NA	NA	NS	2 Note 4	
		splashing	relative	1	NS	NA	NA	NS	2 Note 4	
		tail slapping	description	1	NS	NA	NA	NS	2	
		head in air	description	1	NS	NA	NA	NS	2 Note 4	
		tail in air	description	1	Hunters' interviews	NA	NA	NS	2 Note 4	
		back arched	description	1	NS	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
46-0003 Cont'd		rolling on side	description	1	NS	NA	NA	NS	2 Note 4	
		call	description	1	NS	NA	NA	NS	2 Note 4	
47-0005	BW	# dead/location	relative/general	2	NS	NA	NA	NS	2 Note 4	
		identification	species	2	NS	NA	NA	NA	NA	
	WW	# seen/location	relative, whales/ general/time period	6	NS	NA	NA	NS	2 Note 4	
		# of calves	immatures	1	NS	NA	NA	NS	2 Note 4	
		# dead/location	relative/general	1	NS	NA	NA	NS	2 Note 4	
		#/distance from land	relative	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
		overall colour	hues	1	NS	NA	NA	NS	2 Note 4	
		feeding	presence	1	NS	NA	NA	NS	2 Note 4	
		heading	description	1	NS	NA	NA	NS	2	
		synchrony among animals	description	1	NS	NA	NA	NS	2 Note 4	
49-0013	N	# seen/location	relative/area/time period	2	Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	A	Incidental reports	NA	NA	NA	NA	
		heading	compass points	1	Incidental reports	NA	NA	NS	2	
	WW	# seen/location	whales/general	5	RAS; Bell helicopter; 610-3049m; NS; NS	NA	NA	Range given for 1 sighting: 100-200 whales	2 Note 4	
		# of calves	young	1	Incidental reports	NA	NA	NS	2 Note 4	
		#/group	relative	1	RAS; Bell helicopter; 610-3049m; NS; NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Bell helicopter; 610-3049m; NS; NS Incidental reports	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
49-0013 Cont'd		overall colour	hues	1	Incidental reports	NA	NA	NS	2 Note 4	
		heading	compass points	3	Incidental reports	NA	NA	NS	2	
		proximity to other species	description	2	Incidental reports	NA	NA	NS	2 Note 4	
50-0002	BW	# seen/location	whales/general	1	Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	1	Incidental reports	NA	NA	NA	NA	
	KW	# seen/location	presence/general	1	Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	1	Incidental reports	NA	NA	NA	NA	
	N	# seen/location	relative/general	1	Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	1	Incidental reports	NA	NA	NA	NA	
	WW	# seen/location	relative/general	2	Incidental reports	NA	NA	NS	2 Note 4	
		# landed	whales	1	NS	NA	NA	NS	2	
		identification	species	A	Incidental reports NS	NA	NA	NA	NA	
		heading	compass points	2	Incidental reports	NA	NA	NS	2	
52-0008	WW	# seen/location	relative, whales/ general	3	NS	NA	NA	Ranges given for 2 sightings: 30-50, 50-100 whales	2 Note 4	
		#/group	relative, whales/ school	3	NS	NA	NA	Ranges given for 2 sightings: 30-50, 50-100 whales	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
		heading	compass points	3	NS	NA	NA	NS	2	
52-0029	N	# seen/location	whales/general	1	RAS; R.C.A.F. Lancaster; NS; NS; NS	NA	NA	NS	2 Note 4	
		identification	species	1	RAS; R.C.A.F. Lancaster; NS; NS; NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
52-0029 Cont'd	WW	# seen/location	whales/general	1	RAS; R.C.A.F. Lancaster; NS; NS; NS	NA	NA	NS	2 Note 4	
		# of calves	young of year/adults	1	RAS; R.C.A.F. Lancaster; NS; NS; NS	NA	NA	NS	2 Note 4	
		identification	species	1	RAS; R.C.A.F. Lancaster; NS; NS; NS	NA	NA	NA	NA	
54-0034	N	# seen/location	presence/general	1	NS	NA	NA	NS	2 Note 4	
		identification	species	1	NS	NA	NA	NA	NA	
		heading	description	1	NS	NA	NA	NS	2 Note 4	
	WW	# seen/location	relative/general /time period	1	NS	NA	NA	NS	2 Note 4	
		identification	species	1	NS	NA	NA	NA	NA	
54-0035	WW	# seen/location	presence, whales/ general	3	Incidental reports NS	NA	NA	NS	2 Note 4	
		identification	species	A	Incidental reports NS	NA	NA	NA	NA	
54-0036	N	# seen/location	presence/general or presence/general /time period	2	Incidental reports	NA	NA	NS	2 Note 4	See Appendix
		# killed/location	relative/general	1	Incidental reports	NA	NA	NS	2 Note 4	See Appendix
		identification	species	A	Incidental reports	NA	NA	NA	NA	
	WW	# seen/location	relative/general or presence/general /time period	4	Incidental reports	NA	NA	NS	2 Note 4	See Appendix
		identification	species	A	Incidental reports	NA	NA	NA	NA	
55-0037	N	# landed	whales/area/year	1	NS	NA	NA	NS	2	
		identification	species	1	NS	NA	NA	NA	NA	
55-0039	WW	# seen/location	presence, relative/ general/time period or whales/general	3	RAS; R.C.A.F. Lancaster; NS; NS; NS	NA	NA	NS	2 Note 4 See Appendix	
		identification	species	A	RAS; R.C.A.F. Lancaster; NS; NS; NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
56-0035	BW	# dead/location	whales/general	1	NS	NA	NA	NS	2 Note 4	
		identification	species	1	NS	NA	NA	NA	NA	
	N	# landed	whales/area/year	1	NS	NA	NA	NS	2	
		identification	species	1	NS	NA	NA	NA	NA	
57-0020	BW	# seen/location	whales/area/day	1	Shore watch	NA	NA	NS	2,3 Note 10 See Appendix	
		#/group	whales/pod	1	Shore watch	NA	NA	NS	2 Note 4	
		#/distance from land	relative	1	Shore watch	NA	NA	NS	2 Note 4	
		identification	species	A	Shore watch	NA	NA	NA	NA	
	N	# seen/location	whales/area/time period or whales/general	NS	Shore watch	NA	NA	NS	1,2 Notes 4, 14 See Appendix	
		# of calves	young	NS	Shore watch	NA	NA	NS	2 Note 4	
		#/group	whales/school	NS	Shore watch	NA	NA	NS	2 Note 4	
		identification	species	A	Shore watch	NA	NA	NA	NA	
		presence of tusk	presence	F	Shore watch	NA	NA	NS	4	
		heading	compass points	F	Shore watch	NA	NA	NS	4	
	WW	# seen/location	whales/area/day	NS	Shore watch	NA	NA	Range given for 1 sighting: 30-40 whales	1,2 Note 14 See Appendix	
		identification	species	A	Shore watch	NA	NA	NA	NA	
		heading	compass points	F	Shore watch	NA	NA	NS	4	
57-0043	N	# landed	whales/area/year	1	NS	NA	NA	NS	2	
		identification	species	1	NS	NA	NA	NA	NA	
	WW	# landed	whales/area/year	2	NS	NA	NA	NS	2	
		identification	species	2	NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
58-0043	N	# landed	whales/area/year	1	NS	NA	NA	NS	2	
		identification	species	1	NS	NA	NA	NA	NA	
	WW	# landed	whales/area/year	2	NS	NA	NA	NS	2	
		identification	species	2	NS	NA	NA	NA	NA	
58-0044	BW	# dead/location	skulls, parts of skeletons/feet ASL	8	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
	WW	# seen/location	relative/general	1	NS	NA	NA	NS	2 Note 4	Note 11
		identification	species	A	NS	NA	NA	NA	NA	
		feeding	presence	1	NS	NA	NA	NS	2 Note 4	
58-0045	N	# seen/location	whales/general	NS	RAS; Beaver; 76m; NS; NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Beaver; 76m; NS; NS	NA	NA	NA	NA	
	WW	# seen/location	whales/general	NS	RAS; Beaver; 76m; NS; NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Beaver; 76m; NS; NS	NA	NA	NA	NA	
59-0044	WW	# landed	whales/area/year	2	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
60-0065	WW	# landed	whales/area/year	2	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
61-0076	WW	# landed	whales/area/year	2	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	

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					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
62-0005	WW	# landed	NS	NS	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
		total length	NS	NS	NS	NA	NA	NS	2 Note 9	
		overall colour	NS	NS	NS	NA	NA	NS	2 Note 9	
		genital structure	NS	NS	NS	NA	NA	NS	2 Note 9	
62-0029	N	# landed	whales/area/year	1	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
	WW	# landed	whales/area/year	2	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
63-0021	N	# landed	whales/area/year	2	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
	WW	# landed	whales/area/year	2	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
64-0025	N	# landed	whales/area/year	1	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
	WW	# landed	whales/area/year	2	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
65-0024	N	# landed	whales/area/year	2	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
	WW	# landed	whales/area/year	2	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
65-0029	BW	# seen/location	presence/general	R	Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	A	Incidental reports	NA	NA	NA	NA	
	N	# seen/location	relative/general	1	NS	NA	NA	NS	2 Notes 4,9	
		identification	species	A	NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
65-0029 Cont'd	WW	# seen/location	relative/general, map location	3	RAS; Otter; NS; NS; NS Incidental reports	NA	NA	NS	2 Note 4	
		#/group	whales/group	3	RAS; Otter; NS; NS; NS	NA	NA	NS	2 Note 4	Note 3
		# landed	relative	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Otter; NS; NS; NS Incidental reports NS	NA	NA	NA	NA	
		heading	description	1	NS	NA	NA	NS	2 Note 4	
66-0024	N	# landed	whales/area/year	1	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' inverviews	NA	NA	NA	NA	
	WW	# landed	whales/area/year	2	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
66-0059	N	# seen/location	presence, relative/ general or relative/ general/time period	8	NS	NA	NA	NS	2 Notes 4,9	
		# landed	whales/hunter/time period	1	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
	WW	# seen/location	relative/area	5	NS	NA	NA	NS	2 Notes 4,9	
		# landed	whales/area	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
67-0027	N	# landed	whales/area/year	1	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
	WW	# landed	whales/area/year	2	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
67-0045	N	# seen/location	relative/general	1	NS	NA	NA	NS	2 Note 4	
		# landed	whales/hunter/area	1	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
67-0045 Cont'd	WW	# seen/location	relative/general	2	NS	NA	NA	NS	2 Note 4	
		# landed	whales/time period	1	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
68-0032	N	# landed	whales/area/year	1	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
	WW	# landed	whales/area/year	2	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
68-0066	N	# seen/location	presence, relative/ general/time period or relative/general	3	RAS; NS; NS; NS; NS Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; NS; NS; NS; NS Incidental reports	NA	NA	NA	NA	
		basking	description	1	RAS; NS; NS; NS; NS	NA	NA	NS	2 Note 4	
	WW	# seen/location	presence, relative/ general/time period	3	RAS; NS; NS; NS; NS Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; NS; NS; NS; NS Incidental reports	NA	NA	NA	NA	
		basking	description	1	RAS; NS; NS; NS; NS	NA	NA	NS	2 Note 4	
69-0037	WW	# landed	whales/area/year	2	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
70-0038	WW	# landed	whales/area/year	1	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
71-0047	WW	# landed	whales/area/year	1	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
71-0103	N	# seen/location	presence, relative/ area	NS	Hunters' interviews	NA	NA	NS	2 Note 4	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
		heading	description	NS	Hunters' interviews	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
71-0103 Cont'd	WW	# seen/location	presence, relative/ area	NS	Hunters' interviews	NA	NA	NS	2 Note 4	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
		heading	description	NS	Hunters' interviews	NA	NA	NS	2	
72-0111	N	# landed	whales/community/ year	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
73-0117	WW	#/photograph	whales/photograph	NS	RAS; NS; 305m; NS; NC using a Wild RC8 camera with a 152.5mm focal length lens	Kodak Super XX, Double X, Plus X and water penetration film	Bausch & Lomb binocular zoom microscope with 7-30X magnification	NS	2,3 Note 10	
		# of calves	length & colour	NS	RAS; NS; 305m; NS; NC using a Wild RC8 camera with a 152.5mm focal length lens	Kodak Super XX, Double X, Plus X and water penetration film	Bausch & Lomb binocular zoom microscope with 7-30X magnification	NS	2,3 Note 10	
		#/group	whales/group	NS	RAS; NS; 305m; NS; NC using a Wild RC8 camera with a 152.5mm focal length lens	Kodak Super XX, Double X, Plus X and water penetration film	Bausch & Lomb binocular zoom microscope with 7-30X magnification	NS	2,3 Note 10	
		#/distance from land	whales/m	NS	RAS; NS; 305m; NS; NC using a Wild RC8 camera with a 152.5mm focal length lens	Kodak Super XX, Double X, Plus X and water penetration film	Bausch & Lomb binocular zoom microscope with 7-30X magnification	NS	2	
		identification	species	A	RAS; NS; 305m; NS; NC using a Wild RC8 camera with a 152.5mm focal length lens	Kodak Super XX, Double X, Plus X and water penetration film	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
73-0117 Cont'd		total length	cm	337	RAS; NS; 305m; NS; NC using a Wild RC8 camera with a 152.5mm focal length lens	Kodak Super XX, Double X, Plus X and water penetration film	Bausch & Lomb binocular zoom microscope with 7-30X magnification	Range given for one animal: 410-460cm	3 Note 7	
		overall colour	hues	NS	RAS; NS; 305m; NS; NC using a Wild RC8 camera with a 152.5mm focal length lens	Kodak Super XX, Double X, Plus X and water penetration film	Bausch & Lomb binocular zoom microscope with 7-30X magnification	NS	2	
		heading	NS	NS	RAS; NS; 305m; NS; NC using a Wild RC8 camera with a 152.5mm focal length lens	Kodak Super XX, Double X, Plus X and water penetration film	Bausch & Lomb binocular zoom microscope with 7-30X magnification	NS	2	
		orientation to others	description	NS	RAS; NS; 305m; NS; NC using a Wild RC8 camera with a 152.5mm focal length lens	Kodak Super XX, Double X, Plus X and water penetration film	Bausch & Lomb binocular zoom microscope with 7-30X magnification	NS	2	
73-0118	WW	# seen/location	order of magnitude, whales/general, 1' lat. & 1' long.	10	NS	Photographs	NS	NS	2 Note 4	
		# of calves	newborn	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	Photographs	NA	NA	NA	
		food	NS	1	NS	NA	NA	NS	2	
		orientation to others	diagram	1	NS	Photograph	NS	NS	2	
		nursing	presence	1	NS	Photograph	NS	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
73-0127	N	# landed	whales/community/ year	1	NS	NA	NA	NS	2	Two contradictory figures given by different sources.
		identification	species	A	NS	NA	NA	NA	NA	
74-0054	N	# seen/location	presence, whales/ general	NS	RAS; Bell 206B; NS; NS; NS Incidental reports	NA	NA	NS	1,2 Notes 2,4	
		#/group	whales/group	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Bell 206B; NS; NS; NS Incidental reports NS	NA	NA	NA	NA	
74-0111	BW	# seen/location	NS	1	Incidental reports	NA	NA	NS	2	
		identification	species	A	Incidental reports	NA	NA	NA	NA	
	N	# seen/location	whales/general, diagram or whales/ time period	20	RAS; Twin Otter; 152-366m; 222-259km/h; NS	NA	NA	NS	1,2 Notes 2,4	Figures given in reports contradictory.
		# of calves	calves	5	RAS; Twin Otter; 152-366m; 222-259km/h; NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Twin Otter; 152-366m; 222-259km/h; NS	NA	NA	NA	NA	
		presence of tusk	relative	1	RAS; Twin Otter; 152-366m; 222-259km/h; NS	NA	NA	NS	2 Note 4	
		heading	compass points or diagram	4	RAS; Twin Otter; 152-366m; 222-259km/h; NS	NA	NA	NS	2	
		distance/time	description	1	RAS; Twin Otter; 152-366m; 222-259km/h; NS	NA	NA	NS	4	
		tusks crossing	description	1	RAS; Twin Otter; 152-366m; 222-259km/h; NS	NA	NA	NS	2 Note 4	
		flukes overlapping	description	1	RAS; Twin Otter; 152-366m; 222-259km/h; NS	NA	NA	NS	2 Note 4	
		distance between individuals	description	1	RAS; Twin Otter; 152-366m; 222-259km/h; NS	NA	NA	NS	2 Note 4	
		position in water	description	1	RAS; Twin Otter; 152-366m; 222-259km/h; NS	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
74-0111 Cont'd	WW	# seen/location	dozens, whales/ general, map location	44	RAS; Twin Otter, Bell 206B; 152-366m; 222-259km/h; NS Incidental reports Shore watch	Photographs	NS	Range given for one sighting: 15-20 whales	1,2 Notes 2,4	
		# of calves	immature or young or newborn calves	8	RAS; Twin Otter, Bell 206B; 152-366m; 222-259km/h; NS Incidental reports	NA	NA	NS	1,2 Notes 2,4	
		#/group	whales/group	F	RAS; Twin Otter, Bell 206B; 152-366m; 222-259km/h; NS	NA	NA	NS	2 Note 4	
		# dead/location	whales/general	1	Shore watch	NA	NA	NS	2 Note 4	
		#/distance from land	whales/feet	3	Shore watch Incidental reports	NA	NA	NS	2,3 Note 10	
		identification	species	A	RAS; Twin Otter, Bell 206B; 152-366m; 222-259km/h; NS Incidental reports Shore watch Field examination of stranded whale NS	Photographs	NA	NA	NA	
		total length	cm or relative	F	Shore watch Field examination of stranded whale	Photographs	NS	NS	2 Note 4	
		maximum girth	cm or relative	F	Shore watch Field examination of stranded whale	Photographs	NS	NS	2 Note 4	
		blubber thickness	cm	1	Field examination of stranded whale	NA	NA	NS	2	
		flipper shape	description	R	Shore watch	NA	NA	NS	2 Note 4	
		# of dentine layers	layers	1	Field examination of stranded whale	NA	NS	NS	2	
		overall colour	hues	F	RAS; Twin Otter, Bell 206B; 152-366m; 222-259km/h; NS Incidental reports	NA	NA	NS	2 Note 4	
		colour pattern	description	F	Shore watch	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
74-0111 Cont'd		# of scars	scars	1	Field examination of stranded whale	Photograph	NS	NS	4	
		scar pattern	description	F	Shore watch Field examination of stranded whale	Photograph	NS	NS	4	
		genital structure	female	R	Shore watch Field examination of stranded whale	NA	NA	NS	2	
		stomach contents-identification	class or order	1	Field examination of stranded whale	NA	NA	NS	2	
		heading	compass points or relative to land	F	Shore watch Incidental reports	NA	NA	NS	2	
		distance/time	relative	R	Shore watch	NA	NA	NS	2	
		dive time	sec. or relative	R	Shore watch	NA	NA	NS	Note 4 2,4	
		# underwater blows	description	F	Shore watch	NA	NA	NS	Note 4 4	
		pushing	description	R	Shore watch	NA	NA	NS	2	
		slapping	description	1	Shore watch	NA	NA	NS	Note 4 2	
		nipping	presence	R	Shore watch	NA	NA	NS	Note 4 2	
		distance between individuals	description	2	Shore watch	NA	NA	NS	Note 4 2	
		position in water	description	F	Shore watch	NA	NA	NS	Note 4 2	
		flipper slapping	description	1	Shore watch	NA	NA	NS	Note 4 2	
		head in air	description	3	Shore watch	NA	NA	NS	Note 4 2	
		tail in air	description	2	Shore watch	NA	NA	NS	Note 4 2	
		rolling on side	description	F	Shore watch	NA	NA	NS	Note 4 2	
		turning at surface	description	R	Shore watch	NA	NA	NS	Note 4 2	
		rock in mouth	description	1	Shore watch	NA	NA	NS	Note 4 2	
		nursing	description	R	Shore watch	NA	NA	NS	Note 4 2	
		call	description	F	NS	NA	NA	NS	Note 4 2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
74-0113	N	# seen/location	whales/general	6	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
	WW	# seen/location	whales/general	6	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
74-0116	BW	# seen/location	whales/general	1	Incidental reports	NA	NA	NS	2 Note 4	
		#/group	whales/group	1	Incidental reports	NA	NA	NS	2	
		# dead/location	relative/general	NS	NS	NA	NA	NS	2 Note 4	
		identification	species	A	Incidental reports NS	NA	NA	NA	NA	
	N	# seen/location	whales/general, time period	NS	RAS; Cessna 337, Twin Otter; 30-46m; 161-241km/h; 402m	NA	NA	NS	2,3 Notes 4,10 See Appendix	Note 15
		#/group	relative/group	NS	RAS; Cessna 337, Twin Otter; 30-46m; 161-241km/h; 402m	NA	NA	NS	2 Note 4 See Appendix	
		identification	species	A	RAS; Cessna 337, Twin Otter; 30-46m; 161-241km/h; 402m	NA	NA	NA	NA	
		presence of tusk	presence	NS	RAS; Cessna 337, Twin Otter; 30-46m; 161-241km/h; 402m	NA	NA	NS	2,4 See Appendix	
		orientation to ice edge	description	NS	RAS; Cessna 337, Twin Otter; 30-46m; 161-241km/h; 402m	NA	NA	NS	2 Note 4 See Appendix	
	WW	# seen/location	whales/general, time period	NS	RAS; Cessna 337, Twin Otter; 30-46m, 161-241km/h; 402m	Photographs	NS	NS	2,3 Notes 4,10 See Appendix	Note 15
		# of calves	calves or young	NS	RAS; Cessna 337, Twin Otter; 30-46m, 161-241km/h; 402m	NA	NA	NS	2 Note 4 See Appendix	
		#/group	whales/herd, group	NS	RAS; Cessna 337, Twin Otter; 30-46m, 161-241km/h; 402m	Photographs	NS	NS	2,4 Note 4 See Appendix	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
74-0116 Cont'd		identification	species	A	RAS; Cessna 337, Twin Otter; 30-46m; 161-241km/h; 402m	Photographs	NA	NA	NA	
		heading	description	NS	RAS; Cessna 337, Twin Otter; 30-46m; 161-241km/h; 402m	NA	NA	NS	2,4 Note 4 See Appendix	
74-0120	N	# landed	whales/community/ year	2	NS	NA	NA	NS	2	
		# struck	whales/community/ year	1	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
75-0075	BW	# seen/location	whales/time period	3	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km Incidental reports	NA	NA	NS	1,3 Notes 2,10	
		#/group	whales/group	3	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km Incidental reports	NA	NA	NS	1,3 Notes 2,13	
		# dead/location	whales/general	F	NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km Incidental reports NS	NA	NA	NA	NA	
	N	# seen/location	whales/time period	45	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km	NA	NA	NS	3 Note 10	
		#/aerial transect line	whales/time period	40 lines	SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	3 Note 10	Note 15
		#/photograph	whales/photograph	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km using NS camera	Photographs	NS	NS	2	
		# of calves	neonates or immatures	14	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0075 Cont'd		#/group	whales/group	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	Photographs	NS	NS	2,3,4 Notes 4,13	
		#/distance from aircraft	NS	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	2	
		identification	species	A	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	Photographs	NA	NA	NA	
		presence of tusk	male, female	97	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	Photographs	NS	NS	4	
		orientation to others	diagram	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337, 152m; 210km/h; 1.6km	Photographs	NS	NA	4	
		orientation to ice edge	description	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	2 Note 4	
		distance between individuals	diagram or relative	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	Photograph	NS	NS	2 Note 4	
		proximity to other species	description or relative	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0075 Cont'd	WW	# seen/location	whales/time period	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km	NA	NA	NS	3 Note 10	
		#/aerial transect line	whales/time period	40 lines	SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	3 Note 10	Note 15
		#/photograph	whales/photograph	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km using NS camera	Photographs	NS	NS	2	
		# of calves	neonates or immatures	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	Photographs	NS	NS	2 Note 4	
		#/group	whales/group	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	Photographs	NS	NS	2,3,4 Notes 4,13	
		# landed	whales/area	18	Field examination of harvested whales	NA	NA	NS	4	
		#/distance from aircraft	NS	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	2	
		identification	species	A	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km Field examination of harvested whales Hunters' interviews NS	Photographs	NA	NA	NA	
		total length	cm	14	Field examination of harvested whales	NA	NA	NS	4	
		girth at anus	cm	7	Field examination of harvested whales	NA	NA	NS	2	
		maximum girth	cm	8	Field examination of harvested whales	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0075 Cont'd		body deformity	description	1	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	Photograph	NS	NS	4	
		# of dentine layers	layers	13	Field examination of harvested whales	NA	NS	NS	2	
		overall colour	hues	17	Field examination of harvested whales	NA	NA	NS	2 Note 4	
		genital structure	male, female	16	Field examination of harvested whales	NA	NA	NS	2 Note 9	
		fetus present	presence	1	Hunters' interviews	NA	NA	NS	4	
		fetus length	cm	1	NS	NA	NA	NS	2	
		fetus weight	0.1g	1	NS	NA	NA	NS	2	
		stomach contents-identification	species	15	Field examination of harvested whales	NS	NS	NS	2	
		stomach contents-volume	NS	2	Field examination of harvested whales	NS	NS	NS	2	
		presence of birds	description	NS	NS	NA	NA	NS	2	
		heading	compass points	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	2	
		distance/time	relative	1	RAS; Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km	NA	NA	NS	2 Note 4	
		orientation to others	diagram	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	Photographs	NS	NS	4	
		orientation to ice edge	description	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	2 Note 4	
		distance between individuals	relative	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0075 Cont'd		proximity to other species	description or relative	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	2 Note 4	
		position in water	description	NS	RAS; Cessna 337, Hughes 500; 30-1220m; 24-210km/h; 0.4-1.6km SAS; Cessna 337; 152m; 210km/h; 1.6km	NA	NA	NS	2 Note 4	
75-0076	BW	# seen/location	whales/general	10	RAS; Bell 206A; 152-213m; 145-177km/h; NS Incidental reports	Photographs	NS	NS	2 Note 4	
		# of calves	young	1	Incidental reports	NA	NA	NS	2 Note 4	
		# dead/location	presence/general	1	NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Bell 206A; 152-213m; 145-177km/h; NS Incidental reports NS	Photographs	NA	NA	NA	
		heading	NS	5	Incidental reports	NA	NA	NS	2	
		distance/time	description	1	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2 Note 4	
		position in water	description	1	Incidental reports	NA	NA	NS	2 Note 4	
	N	# seen/location	whales/general, 1° lat. & 1° long. or NS	70	RAS; Bell 206A; 152-213m; 145-177km/h; NS Incidental reports NS	NA	NA	Range given for five sightings: 2-3, 4-6, 5-10, 10-12, 10-15 whales	2	
		# of calves	calves or immatures	8	RAS; Bell 206A; 152-213m; 145-177km/h; NS NS	NA	NA	NS	2 Note 4	
		#/group	whales/group or relative	42	RAS; Bell 206A; 152-213m; 145-177km/h; NS NS	Photographs	NS	Range given for five sightings: 2-3, 3-6, 4-5, 4-10, 8-9 whales	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0076 Cont'd		# landed	whales	8	Field examination of harvested whales NS	NA	NA	NS	2	
		# struck and lost	relative	2	NS	NA	NA	NS	2 Note 4	
		# dead/location	whales/general	2	NS	NA	NA	NS	2 Note 4	
		#/distance from aircraft	relative	1	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Bell 206A; 152-213m; 145-177km/h; NS Field examination of harvested whales Incidental reports NS	Photographs	NA	NA	NA	
		total length	cm	25	Field examination of harvested whales	NA	NA	NS	4	
		tail width	cm	25	Field examination of harvested whales	NA	NA	NS	4	
		girth at armpit	cm	25	Field examination of harvested whales	NA	NA	NS	1,4 Note 14	
		girth at anus	cm	25	Field examination of harvested whales	NA	NA	NS	1,4 Note 14	
		maximum girth	cm	25	Field examination of harvested whales	NA	NA	NS	1,4 Note 14	
		exposed tusk length	cm	2	Field examination of harvested whales	NA	NA	NS	4	
		blubber thickness	mm	25	Field examination of harvested whales	NA	NA	NS	4	
		# of dentine layers	layers or 0.1mm/ layer	25	Field examination of harvested whales	Water-alcohol-glycerine	Cut longitudinally and examined with low magnification	NS	4	
		# of mandible layers	layers or 0.1mm/ layer	25	Field examination of harvested whales	70% ethyl alcohol	Cut transversely and examined using Leitz Wetzlar 1XQ2 trichinoscope	NS	4	
		overall colour	hues	25	Field examination of harvested whales	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0076 Cont'd		colour pattern	NS	25	Field examination of harvested whales	NA	NA	NS	2	
		scar pattern	NS	25	Field examination of harvested whales	NA	NA	NS	2	
		presence of tusk	presence	25	Field examination of harvested whales	NA	NA	NS	4	
		gonad length	mm	9	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	NA	NS	4	
		gonad width	mm	9	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	NA	NS	4	
		gonad depth	mm	9	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	NA	NS	4	
		gonad volume	NS	9	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	NA	NS	2	
		gonad weight	NS	9	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	NA	NS	2	
		sperm present	presence or relative amount	NS	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	Sectioned, stained and examined using Leitz Wetzlar Orthoplan Universal widefield microscope; photographed	NS	2,4 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0076 Cont'd		epididymal tubule diameter	0.1mm	NS	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	Sectioned, stained and examined using Leitz Wetzlar Orthoplan Universal widefield microscope; photographed	NS	4	
		spermatogenesis stages	immature or maturing or mature	NS	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	Sectioned, stained and examined using Leitz Wetzlar Orthoplan Universal widefield microscope; photographed	NS	2	
		corpora lutea #	number	13	Field examination of harvested whales	10% formalin	Sectioned and examined with low magnification	NS	4	
		corpora lutea diameter	mm	13	Field examination of harvested whales	10% formalin	Sectioned and examined with low magnification	NS	4	
		corpora albicantia #	number	13	Field examination of harvested whales	10% formalin	Sectioned and examined with low magnification	NS	4	
		corpora albicantia diameter	mm	13	Field examination of harvested whales	10% formalin	Sectioned and examined with low magnification	NS	4	
		uterine cornua diameter	mm	13	Field examination of harvested whales	NA	NA	NS	4	
		mammary gland width	mm	13	Field examination of harvested whales	NA	NA	NS	4	
		mammary gland depth	NS	NS	Field examination of harvested whales	NA	NA	NS	2	
		fetus present	presence	1	Field examination of harvested whales	10% formalin	NA	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0076 Cont'd		fetus length	mm	1	Field examination of harvested whales	10% formalin	NS	NS	4	
		milk present	presence	13	Field examination of harvested whales	NA	NA	NS	4	
		stomach contents-identification	species	25	Field examination of harvested whales	70% ethyl alcohol	NS	NS	2	
		parasites present	species	25	Field examination of harvested whales	95% ethyl alcohol or 10% formalin or 10% glycerine-alcohol	NS	NS	2	
		heading	compass points	5	NS	NA	NA	NS	2	
		distance/time	description	1	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2	
		tusk raising	description	2	RAS; Bell 206A; 152-213m; 145-177km/h; NS Incidental reports	NA	NA	NS	2 Note 4	
		distance between individuals	relative	1	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2 Note 4	
		proximity to other species	description	1	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2	
	WW	# seen/location	whales/general	140	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2 Note 4	
		# of calves	presence or calves or yearlings or immatures or 2-year olds	41	RAS; Bell 206A; 152-213m; 145-177km/h; NS Incidental reports	NA	NA	NS	2 Note 4	
		#/group	whales/group	144	RAS; Bell 206A; 152-213m; 145-177km/h; NS Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Bell 206A; 152-213m; 145-177km/h; NS Incidental reports	NA	NA	NA	NA	
		overall colour	hues	4	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2 Note 4	
		heading	compass points or NS	16	RAS; Bell 206A; 152-213m; 145-177km/h; NS Incidental reports	NA	NA	NS	2	
		distance/time	description	1	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0076 Cont'd		orientation to ice edge	description	F	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2	
		distance between individuals	relative	1	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2 Note 4	
		proximity to other species	description	1	RAS; Bell 206A; 152-213m; 145-177km/h; NS	NA	NA	NS	2 Note 4	
75-0077	BW	# seen/location	whales/general	1	Incidental reports	NA	NA	NS	2 Note 4	
		#/aerial transect line	whales/NS	33 lines	SAS; Bell 206B; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	1,2 Note 2	Note 5
		#/group	whales/group	2	SAS; Bell 206B; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
		identification	species	A	SAS; Bell 206B; 91-152m; 130-160km/h; 0.8km Incidental reports	NA	NA	NA	NA	
	N	# seen/location	relative, whales/ general	NS	RAS; Bell 206B; 65-122m; NS; 430m Incidental reports	NA	NA	NS	1,2 Note 2	Note 5
		#/aerial transect line	whales/NS	33 lines	SAS; Bell 206B; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2	
		# of calves	calves	1	Incidental reports	NA	NA	NS	2 Note 4	
		#/group	whales/group	4	RAS; Bell 206B; 65-122m; NS; 430m SAS; Bell 206B; 91-152m; 130-160km/h; 0.8km Incidental reports	NA	NA	Range given for one sighting: 800-1200 whales	2 Note 4	Note 6
		# struck and killed	relative, whales/ area/time period	2	NS	NA	NA	NS	2 Note 4	
		#/distance from land	relative/km,m	4	RAS; Bell 206B; 65-122m; NS; 430m	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Bell 206B; 65-122m; NS; 430m SAS; Bell 206B; 91-152m; 130-160km/h; 0.8km Incidental reports NS	NA	NA	NA	NA	
		presence of tusk	presence	1	Incidental reports	NA	NA	NS	2	
		food	NS	1	RAS; Bell 206B; 65-122m; NS; 430m	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0077 Cont'd		heading	compass points or relative to land	3	RAS; Bell 206B; 65-122m; NS; 430m Incidental reports	NA	NA	NS	2 Note 4	
		distance/time	km/h	1	RAS; Bell 206B; 65-122m; NS; 430m	NA	NA	NS	2	
		tusk crossing over body	description	NS	RAS; Bell 206B; 65-122m; NS; 430m SAS; Bell 206B; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
		tusks crossing	presence	NS	RAS; Bell 206B; 65-122m; NS; 430m SAS; Bell 206B; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
		orientation to others	description	NS	RAS; Bell 206B; 65-122m; NS; 430m SAS; Bell 206B; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2,4 Note 4	
		distance between individuals	relative or description	F	RAS; Bell 206B; 65-122m; NS; 430m SAS; Bell 206B; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
		position in water	relative	1	RAS; Bell 206B; 65-122m; NS; 430m	NA	NA	NS	2 Note 4	
	WW	# seen/location	whales/general	1	NS	NA	NA	NS	2 Note 4	
		# of calves	calves	1	NS	NA	NA	NS	2	
		#/group	whales/group	1	NS	NA	NA	NS	2	
		#/distance from land	whales/m	1	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
75-0127	N	# seen/location	whales/time period	2	RAS; Cessna 337, Bell 206; 91m; 209km/h; 1.6km	NA	NA	NS	3 Note 10	
		identification	species	A	RAS; Cessna 337, Bell 206; 91m; 209km/h; 1.6km	NA	NA	NA	NA	
		heading	NS	1	RAS; Cessna 337, Bell 206; 91m; 209km/h; 1.6km	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0127 Cont'd	WW	# seen/location	whales/time period	4	RAS; Cessna 337, Bell 206; 91m; 209km/h; 1.6km	NA	NA	NS	3 Note 10	
		# of calves	calves	5	RAS; Cessna 337, Bell 206; 91m; 209km/h; 1.6km	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Cessna 337, Bell 206; 91m; 209km/h; 1.6km	NA	NA	NA	NA	
		heading	NS	3	RAS; Cessna 337, Bell 206; 91m; 209km/h; 1.6km	NA	NA	NS	2	
75-0129	N	# dead/location	relative/general	NS	RAS; Bell 206B; 65-122m; NS; 430m	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Bell 206B; 65-122m; NS; 430m	NA	NA	NA	NA	
		presence of tusk	male, female	1	RAS; Bell 206B; 65-122m; NS; 430m	NA	NA	NS	2	
		tusk crossing over body	description	1	RAS; Bell 206B; 65-122m; NS; 430m	NA	NA	NS	2 Note 4	
		tusks crossing	presence	1	RAS; Bell 206B; 65-122m; NS; 430m	NA	NA	NS	2 Note 4	
		rubbing another whale	description	1	RAS; Bell 206B; 65-122m; NS; 430m	NA	NA	NS	2 Note 4	
75-0130	WW	# seen/location	presence, whales/ general	8	RAS; Bell 206A; 18-61m; 113-177km/h; NS	NA	NA	NS	2 Note 4	
		#/group	NS	7	RAS; Bell 206A; 18-61m; 113-177km/h; NS	NA	NA	NS	2	
		identification	species	A	RAS; Bell 206A; 18-61m; 113-177km/h; NS	NA	NA	NA	NA	
		heading	compass points	1	RAS; Bell 206A; 18-61m; 113-177km/h; NS	NA	NA	NS	2	
75-0131	BW	# seen/location	whales/general	2	RAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NS	2 Note 4	Note 15
		identification	species	A	RAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NA	NA	
		heading	compass points	2	RAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NS	2	
	KW	#/aerial transect line	whales/segment	31 lines	SAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NS	2	
		identification	species	A	SAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
75-0131 Cont'd	N	#/aerial transect line	whales/segment	31 lines	SAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NS	2	
		identification	species	A	SAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NA	NA	
		heading	compass points	NS	SAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NS	2	
	WW	#/aerial transect line	whales/segment	31 lines	SAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NS	2	
		identification	species	A	SAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NA	NA	
		heading	compass points	NS	SAS; Twin Otter; 91m; 222km/h; 1.6km	NA	NA	NS	2	
75-0136	N	# landed	whales/settlement/ year	3	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
	WW	# landed	whales/settlement/ year	4	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
76-0064	BW	# seen/location	whales/map location/day	7	Shore watch	NA	NA	NS	3 Note 10	
		# of calves	young	1	Shore watch	NA	NA	NS	3 Note 10	
		#/group	whales/group	A	Shore watch	NA	NA	NS	2 Note 4	
		#/distance from land	NS	NS	Shore watch	NA	NA	NS	2 Note 9	
		identification	species	A	Shore watch	NA	NA	NA	NA	
		heading	compass points	NS	Shore watch	NA	NA	NS	2	
	N	# seen/location	presence, whales/ map location/ general, day, hour	NS	Shore watch Incidental reports	NA	NA	NS	2,3 Notes 4,10	
		# of calves	newborn, young/map location/day	624	Shore watch	NA	NA	NS	2 Note 4	
		#/group	whales/group	A	Shore watch	Photographs	NS	NS	2 Note 4	
		#/distance from land	NS	NS	Shore watch	NA	NA	NS	2 Note 9	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0064 Cont'd		identification	species	A	Shore watch Incidental reports	Photographs	NA	NA	NA	
		presence of tusk	male, female	3316	Shore watch	NA	NA	NS	4	
		heading	compass points	NS	Shore watch	NA	NA	NS	2	
		distance/time	relative	NS	Shore watch	NA	NA	NS	2 Note 4	
		dive time	min.	1	Shore watch	NA	NA	NS	2	
		tusks crossing	presence	NS	Shore watch	NA	NA	NS	2	
		tusk raising	presence	NS	Shore watch	NA	NA	NS	2	
		lifting another whale	description	1	Shore watch	NA	NA	NS	2	
		orientation to others	diagram	NS	Shore watch	Photographs	NS	NS	3,4 Note 12	
		distance between individuals	diagram	NS	Shore watch	Photographs	NS	NS	3,4 Note 12	
		proximity to other species	description	NS	Shore watch	NA	NA	NS	2 Note 4	
		rolling on side	presence	NS	Shore watch	NA	NA	NS	2 Note 4	
		turning at surface	description	NS	Shore watch	NA	NA	NS	2 Note 4	
	WW	# seen/location	presence/general or whales/map location/day	10	Shore watch Incidental reports	NA	NA	NS	2,3 Notes 4,10	
		#/group	whales/group	NS	Shore watch	NA	NA	NS	2 Note 4	Note 3
		#/distance from land	NS	NS	Shore watch	NA	NA	NS	2 Note 9	
		identification	species	A	Shore watch Incidental reports	NA	NA	NA	NA	
		# of scars	presence	1	Shore watch	NA	NA	NS	2 Note 4	
		heading	compass points	NS	Shore watch	NA	NA	NS	2	
		proximity to other species	description	NS	Shore watch	NA	NA	NS	2 Note 4	
76-0065	BW	# seen/location	relative/general	NS	NS	NA	NA	NS	2 Note 9	
		identification	species	A	NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0065 Cont'd	N	# landed	whales or tusks	8	Field examination of harvested whales	NA	NA	NS	2	
		identification	species	4	Field examination of harvested whales	NA	NA	NA	NA	
		tag #	monel metal darts with orange plastic-coated metal streamers	16	Hand harpooned into whales herded close to shore	NA	NA	NA	NA	
		total length	cm	7	Field examination of harvested whales	NA	NA	NS	4	
		tail width	cm	7	Field examination of harvested whales	NA	NA	NS	4	
		girth at armpit	cm	7	Field examination of harvested whales	NA	NA	NS	1,4 Note 14	
		girth at anus	cm	7	Field examination of harvested whales	NA	NA	NS	1,4 Note 14	
		maximum girth	cm	7	Field examination of harvested whales	NA	NA	NS	1,4 Note 14	
		exposed tusk length	cm	NS	Field examination of harvested whales	NA	NA	NS	4	
		blubber thickness	mm	7	Field examination of harvested whales	NA	NA	NS	4	
		# of dentine layers	layers or 0.1mm/ layer	7	Field examination of harvested whales	Water-alcohol-glycerine	Cut longitudinally and examined with low magnification	NS	4	
		overall colour	hues	7	Field examination of harvested whales	NA	NA	NS	2	
		colour pattern	NS	7	Field examination of harvested whales	NA	NA	NS	2	
		scar pattern	NS	7	Field examination of harvested whales	NA	NA	NS	2	
		presence of tusk	presence	7	Field examination of harvested whales	NA	NA	NS	2	
		gonad length	mm	3	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	NA	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0065 Cont'd		gonad width	mm	3	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	NA	NS	4	
		gonad depth	mm	3	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	NA	NS	4	
		gonad volume	NS	3	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	NA	NS	2	
		gonad weight	NS	3	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	NA	NS	2	
		sperm present	presence or relative amount	NS	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	Sectioned, stained and examined using Leitz Wetzlar Orthoplan Universal widefield microscope; photographed	NS	2,4 Note 4	
		epididymal tubule diameter	0.1mm	NS	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	Sectioned, stained and examined using Leitz Wetzlar Orthoplan Universal widefield microscope; photographed	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0065 Cont'd		spermatogenesis stages	immature or maturing or mature	NS	Field examination of harvested whales	Bouin's preservative then 70% ethyl alcohol	Sectioned, stained and examined using Leitz Wetzlar Orthoplan Universal widefield microscope; photographed	NS	2	
		corpora lutea #	number	4	Field examination of harvested whales	10% formalin	Sectioned and examined using low magnification	NS	4	
		corpora lutea diameter	mm	4	Field examination of harvested whales	10% formalin	Sectioned and examined using low magnification	NS	4	
		corpora albicantia #	number	4	Field examination of harvested whales	10% formalin	Sectioned and examined using low magnification	NS	4	
		corpora albicantia diameter	mm	4	Field examination of harvested whales	10% formalin	Sectioned and examined using low magnification	NS	4	
		fetus present	presence	NS	Field examination of harvested whales	10% formalin	NA	NS	4	
		fetus length	mm	NS	Field examination of harvested whales	10% formalin	NS	NS	4	
		milk present	presence	4	Field examination of harvested whales	NA	NA	NS	4	
		stomach contents - identification	species	7	Field examination of harvested whales	70% ethyl alcohol	NS	NS	2	
		parasites present	species	7	Field examination of harvested whales	95% ethyl alcohol or 10% formalin or 10% glycerine alcohol	NS	NS	2	
76-0066	N	# seen/location	relative/general	NS	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km	NA	NA	NS	1,2 Notes 2,4	Note 5
		#/aerial transect line	NS	18 lines	SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	1,2 Note 2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0066 Cont'd		#/group	whales/group	NS	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NA	NA	
		presence of tusk	presence or male, female	NS	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2,4	
		tusk crossing over body	description	NS	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
		tusks crossing	presence	NS	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
		rubbing another whale	description	2	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
		orientation to others	relative or description	NS	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
		distance between individuals	relative or description	NS	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
	WW	# seen/location	whales/general	1	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km	NA	NA	NS	1,2 Notes 2,4	Note 5
		#/aerial transect line	NS	18 lines	SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	1,2 Note 2	
		#/group	whales/group	2	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Alouette II; 65-350m; 130-160km/h; 0.8km SAS; Alouette II; 91-152m; 130-160km/h; 0.8km	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0109	N	# seen/location	whales/general	5	Incidental reports	NA	NA	Ranges given for two sightings: 4-5, 6-10 whales	2 Note 4	
		Identification	species	A	Incidental reports	NA	NA	NA	NA	
	WW	# seen/location	whales/general	2	Incidental reports	NA	NA	NS	2 Note 4	
		Identification	species	A	Incidental reports	NA	NA	NA	NA	
		heading	diagram	2	Incidental reports	NA	NA	NS	2	
76-0111	BW	# seen/location	whales/time period	3	RAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	3 Note 10	Note 15
		#/aerial transect line	whales/time period	189 lines	SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	3 Note 10	Note 15
		#/group	whales/association	NS	RAS; Twin Otter; 50-60m; 160km/h; 400m SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	2 Note 4	
		Identification	species	A	RAS; Twin Otter; 50-60m; 160km/h; 400m SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NA	NA	
	N	# seen/location	whales/time period or whales/general	NS	RAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	2,3 Notes 4,10	Note 15
		#/aerial transect line	whales/time period	189 lines	SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	3 Note 10	Note 15
		# of calves	young-of-year or yearlings	17	RAS; Twin Otter; 50-60m; 160km/h; 400m SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	2 Note 9	
		#/group	whales/group	F	RAS; Twin Otter; 50-60m; 160km/h; 400m SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	Range given for one sighting: 300-500 whales	2 Note 4	
		Identification	species	A	RAS; Twin Otter; 50-60m; 160km/h; 400m SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0111 Cont'd		heading	compass points	NS	RAS; Twin Otter; 50-60m; 160km/h; 400m SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	2	
	WW	# seen/location	whales/time period	NS	RAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	3 Note 10	Note 15
		#/aerial transect line	whales/time period	189 lines	SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	3 Note 10	Note 15
		#/group	whales/group	450	RAS; Twin Otter; 50-60m; 160km/h; 400m SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Twin Otter; 50-60m; 160km/h; 400m SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NA	NA	
		heading	compass points or relative to land	NS	RAS; Twin Otter; 50-60m; 160km/h; 400m SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	2	
		distance/time	relative	NS	RAS; Twin Otter; 50-60m; 160km/h; 400m SAS; Twin Otter; 50-60m; 160km/h; 400m	NA	NA	NS	2 Note 4	
76-0112	BW	# seen/location	whales/NS	5	RAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2	
		#/aerial transect line	whales/NS	93 lines	SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NA	NA	
	N	# seen/location	whales/NS	35	RAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2	
		#/aerial transect line	whales/NS	93 lines	SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2	Note 15
		#/group	whales/gam	NS	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0112 Cont'd		#/distance from land	whales/m	NS	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NA	NA	
		heading	compass points or relative to land	NS	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2	
		distance/time	relative	NS	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2 Note 4	
		proximity to other species	description	1	RAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2 Note 4	
	WW	# seen/location	whales/NS	96	RAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2	
		#/aerial transect line	whales/NS	93 lines	SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2	Note 15
		#/group	whales/gam	NS	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2 Note 4	
		#/distance from land	whales/m	NS	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	NA	
		heading	compass points or relative to land	NS	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2	
		distance/time	relative	NS	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0112 Cont'd		orientation to others	description	NS	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2 Note 4	
		distance between individuals	relative or description	NS	RAS; Twin Otter; 91m; NS; 1.6km SAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2 Note 4	
		proximity to other species	description	1	RAS; Twin Otter; 91m; NS; 1.6km	NA	NA	NS	2 Note 4	
76-0113	BW	#/aerial transect line	whales/time period	13 lines	SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NS	3 Note 10	
		identification	species	A	SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NA	NA	
		proximity to other species	relative	1	SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NS	2 Note 4	
	N	# seen/location	presence, whales/general, time period, NS	89	RAS; Twin Otter; 60-600m; 150-240km/h; NS Shore watch Incidental reports	NA	NA	NS	2,3 Notes 4,10	
		#/aerial transect line	whales/time period	13 lines	SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NS	3 Note 10	
		# of calves	neonates or immatures	58	RAS; Twin Otter; 60-600m; 150-240km/h; NS	NA	NA	NS	2	
		#/group	whales/group	A	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km Shore watch	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km Incidental reports Shore watch NS	NA	NA	NA	NA	
		colour pattern	NS	175	NS	NA	NA	NS	2	
		presence of tusk	male, female	175	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NS	2,4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0113 Cont'd		presence of birds	NS	F	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NS	2	
		heading	compass points	F	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km Shore watch	NA	NA	NS	2,3 Note 16	
		distance/time	relative	NS	Shore watch	NA	NA	NS	2 Note 4	
		proximity to other species	relative	1	RAS; Twin Otter; 60-600m; 150-240km/h; NS	NA	NA	NS	2 Note 4	
	WW	# seen/location	presence, relative, whales/general, time period	49	RAS; Twin Otter; 60-600m; 150-240km/h; NS Incidental reports	27x34cm photographs	NS	NS	2	
		#/aerial transect line	whales/time period	13 lines	SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NS	3 Note 10	
		#/photograph	whales/photograph	NS	RAS; Twin Otter; 300-540m; 150-240km/h; NC using a 6x7cm SLR camera	27x34cm photographs	NS	NS	2	
		# of calves	neonates	111	RAS; Twin Otter; 60-600m; 150-240km/h; NS	27x34cm photographs	NS	NS	2	
		#/group	whales/herd, pod	A	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km	27x34cm photographs	NS	NS	2 Note 4	
		identification	species	A	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km Incidental reports	27x34cm photographs	NA	NA	NA	
		presence of birds	NS	F	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NS	2	
		heading	compass points	F	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km Incidental reports	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
76-0113 Cont'd		distance/time	relative	NS	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NS	2 Note 4	
		swimming under ice	description	R	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NS	2 Note 4	
		orientation to others	diagram	NS	RAS; Twin Otter; 300-540m; 150-240km/h; NS	27x34cm photographs	NS	NS	2	
		orientation to ice edge	diagram	NS	RAS; Twin Otter; 300-540m; 150-240km/h; NS	27x34cm photographs	NS	NS	2	
		distance between individuals	relative or diagram	F	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km	27x34cm photographs	NS	NS	2 Note 4	
		proximity to other species	relative	Z	RAS; Twin Otter; 60-600m; 150-240km/h; NS SAS; Twin Otter; 150m; 200km/h; 1.6km	NA	NA	NS	2 Note 4	
76-0114	N	# landed	whales/settlement/ year	3	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
	WW	# landed	whales/settlement/ year	2	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
76-0115	BW	# dead/location	whales/general	75	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
76-0116	N	identification	species	A	NS	NA	NA	NA	NA	
		tusk length	0.25 inches	30	NS	NA	NA	NS	2	
		tusk weight	0.25 pounds	19	NS	NA	NA	NS	2	
77-0015	N	# seen/location	whales/general	2	Shore watch NS	NA	NA	NS	2 Note 4	
		identification	species	A	Shore watch NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
77-0113	N	# seen/location	whales/time period	NS	RAS; Bell 206; 300m; 190km/h; 800m	Photographs	NS	NS	2	
		identification	species	A	RAS; Bell 206; 300m; 190km/h; 800m	Photographs	NA	NA	NA	
	WW	# seen/location	whales/time period or NS	NS	RAS; Senior Telemaster model airplane; 150-350m; NS; NC using an Olympus OM1 camera with a 24mm, 50mm lens Shore watch	Ektachrome 200 photographs	NS	NS	2	
		#/photograph	whales/photograph	NS	RAS; Senior Telemaster model airplane; 150-350m; NS; NC using an Olympus OM1 camera with a 24mm, 50mm lens	Ektachrome 200 photographs	NS	NS	2	
		# of calves	neonates or yearlings or 2-3-year olds or 4-5-year olds	NS	RAS; Senior Telemaster model airplane; 150-350m; NS; NC using an Olympus OM1 camera with a 24mm, 50mm lens	Ektachrome 200 photographs	NS	NS	2	
		#/group	relative	NS	Shore watch	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Senior Telemaster model airplane; 150-350m; NS; NC using an Olympus OM1 camera with a 24mm, 50mm lens Shore watch NS	Photographs	NA	NA	NA	
		tag #	NS	4	NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
77-0114	N	# landed	whales/settlement/ year	2	NS	NA	NA	NS	2	
		Identification	species	A	NS	NA	NA	NA	NA	
	WW	# landed	whales/settlement/ year	2	NS	NA	NA	NS	2	
		Identification	species	A	NS	NA	NA	NA	NA	
77-0115	BW	# seen/location	whales/general	12	NS	NA	NA	NS	2 Note 4	
		Identification	species	A	NS	NA	NA	NA	NA	
78-0106	WW	# seen/location	whales/transect segment	2	RAS; Twin Otter; 100-200m; 200-220km/h; NS	NA	NA	NS	2	
		# of calves	immatures/general area	NS	RAS; Twin Otter; 100-200m; 200-220km/h; NS	NA	NA	NS	2 Note 4	
		Identification	species	A	RAS; Twin Otter; 100-200m; 200-220km/h; NS	NA	NA	NA	NA	
78-0108	BW	# seen/location	whales/specific location, time period	NS	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km Shore watch	NA	NA	NS	4 See Appendix	Note 15
		#/aerial transect line	whales/time period	NS	SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	4 See Appendix	
		# of calves	young-of-year	1	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2 Note 4	
		#/group	whales/group	A	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km Shore watch	NA	NA	NS	2 Note 4	
		Identification	species	A	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km Shore watch	NA	NA	NA	NA	
		heading	compass points	4	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km Shore watch	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
78-0108 Cont'd	KW	#/aerial transect line	whales/time period	NS	SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	4 See Appendix	
		#/group	whales/group	2	SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2 Note 4	
		identification	species	A	SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NA	NA	
		heading	compass points	2	SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2	
	N	# seen/location	whales/specific location/h or whales/time period	NS	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km Shore watch	NA	NA	NS	4 See Appendix	Note 15
		#/aerial transect line	whales/time period	NS	SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	4 See Appendix	
		# of calves	neonates or relative size or subadults	175	SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2 Note 4	
		#/group	whales/group	669	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2 Note 4	
		#/distance from aircraft	NS	NS	NS	NA	NA	NS	2	
		#/distance from land	whales/200,400m	A	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2	
		#/distance from ice edge	whales/200,400m	A	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km Shore watch NS	NA	NA	NA	NA	
		presence of tusk	male, female	403	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	4	
		heading	compass points	2146	RAS; Twin Otter; 50-300m; 185-240km/h, 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km Shore watch	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
78-0108 Cont'd	WW	# seen/location	presence, whales/ general, time period	NS	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km Incidental reports	NA	NA	NS	2,4 Note 4	Note 15
		#/aerial transect line	whales/time period	NS	SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	See Appendix 4	
		# of calves	neonates or subadults	8	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	See Appendix 2 Note 4	
		#/group	whales/group	A	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2 Note 4	
		#/distance from aircraft	NS	NS	NS	NA	NA	NS	2	
		#/distance from land	whales/200,400m	A	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2	
		#/distance from ice edge	whales/200,400m	A	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km Incidental reports NS	NA	NA	NA	NA	
		food	NS	NS	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2	
		heading	compass points	10145	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km Incidental reports	NA	NA	NS	2	
		distance/time	minimum map distance in km/23.2,23.7h	2	RAS; Twin Otter; 50-300m; 185-240km/h; 0.4-1.6km	NA	NA	NS	1 Note 8	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
78-0109	N	# landed	whales/settlement/ year	3	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
	WW	# landed	whales/settlement/ year	3	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
78-0110	BW	# dead/location	presence/general	NS	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
	N	# seen/location	whales/general	3	RAS; NS; NS; NS; NS	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; NS; NS; NS; NS	NA	NA	NA	NA	
	WW	# seen/location	whales/general	1	NS	NA	NA	NS	2 Note 4	
		#/group	whales/group	1	NS	NA	NA	NS	2 Note 4	
		# dead/location	whales/general	5	NS	NA	NA	NS	2 Note 4	
		identification	species	A	NS	NA	NA	NA	NA	
		disturbing mud	description	1	NS	NA	NA	NS	2 Note 4	
		mating	presence	1	NS	NA	NA	NS	2 Note 4 See Appendix	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
79-0067	N	# seen/location	whales/time period	NS	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	4 See Appendix	
		#/aerial transect line	whales/time period	26 lines	SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	4 See Appendix	Note 15
		# of calves	yearlings or subadults	26	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	2 Note 4	
		#/group	whales/group	432	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	3 Note 13	
		identification	species	A	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NA	NA	
		presence of tusk	male, female	200	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	4	
		heading	compass points	39	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	2	
	WW	# seen/location	whales/time period	NS	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	4 See Appendix	
		#/aerial transect line	whales/time period	26 lines	SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	4 See Appendix	Note 15
		# of calves	neonates or yearlings or subadults	NS	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	2 Note 4	
		#/group	whales/group	NS	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	2 Note 4	
		#/distance from ice edge	whales/400m	8136	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
79-0067 Cont'd		heading	compass points	NS	RAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km SAS; Twin Otter; 50-90m; 185-240km/h; 0.4-0.8km	NA	NA	NS	2	
79-0109	BW	# seen/location	whales/specific	2	Shore watch	NA	NA	NS	2	
		identification	species	A	Shore watch	NA	NA	NA	NA	
		heading	compass points	2	Shore watch	NA	NA	NS	2	
	N	# seen/location	whales/specific/time period	NS	Shore watch	NA	NA	NS	2	
		# of calves	young or newborn	299	Shore watch	NA	NA	NS	2 Note 4	
		#/group	whales/group	NS	Shore watch	NA	NA	NS	2 Note 4	
		identification	species	A	Shore watch	NA	NA	NA	NA	
		# of tusks	tusks	NS	Shore watch	NA	NA	NS	4	
		presence of tusks	presence	3196	Shore watch	NA	NA	NS	4	
		heading	compass points	5058	Shore watch	NA	NA	NS	2,3 Note 16	
		proximity to other species	description	NS	Shore watch	NA	NA	NS	2 Note 4	
	WW	# seen/location	whales/specific/time period	NS	Shore watch	NA	NA	NS	2	
		# of calves	neonates or juveniles	F	Shore watch	NA	NA	NS	2 Note 4	
		#/group	NS	NS	Shore watch	NA	NA	NS	2	
		identification	species	A	Shore watch	NA	NA	NA	NA	
		heading	compass points	4582	Shore watch	NA	NA	NS	2	
		proximity to other species	description	NS	Shore watch	NA	NA	NS	2 Note 4	
79-0110	BW	# seen/location	whales/NS	NS	NS	NA	NA	NS	2	
		identification	species	A	NS	NA	NA	NA	NA	
	N	# seen/location	whales/time period	NS	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km	NA	NA	NS	4 See Appendix	Note 15
		#/aerial transect line	whales/time period	21 lines	SAS; Twin Otter; 45-90m; 220-240km/h; 0.8km	NA	NA	NS	4 See Appendix	Note 15

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
79-0110 Cont'd		# of calves	neonates or yearlings or subadults	30	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km SAS; Twin Otter; 45-90m; 220-240km/h; 0.8km	NA	NA	NS	2 Note 4	
		#/group	whales/pod	150	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km SAS; Twin Otter; 45-90m; 220-240km/h; 0.8km	NA	NA	NS	3,4 Note 13	
		#/distance from ice edge	whales/400m	NS	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km SAS; Twin Otter; 45-90m; 220-240km/h; 0.8km	NA	NA	NA	NA	
		presence of tusk	male, female	209	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km SAS; Twin Otter; 45-90m; 220-240km/h; 0.8km	NA	NA	NS	4	
		heading	compass points	1447	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km SAS; Twin Otter; 45-90m; 220-240km/h; 0.8km	NA	NA	NS	2	
		distance/time	relative	NS	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km SAS; Twin Otter; 45-90m; 220-240km/h; 0.8km	NA	NA	NS	2 Note 4	
	WW	# seen/location	whales/time period	NS	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km Incidental reports	NA	NA	Range given for one sighting: 700-1000 whales	2,4 See Appendix	Note 15
		#/group	whales/group	F	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km	NA	NA	NS	2 Note 4	
		#/distance from ice edge	whales/400m	NS	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km Incidental reports	NA	NA	NA	NA	
		food	NS	NS	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km	NA	NA	NS	2	
		heading	compass points	2415	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km Incidental reports	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
79-0110 Cont'd		distance/time	relative	NS	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km	NA	NA	NS	2 Note 4	
		orientation to ice edge	description	NS	RAS; Twin Otter; 90-150m; 220-240km/h; 0.8-1.6km	NA	NA	NS	2 Note 4	
79-0111	BW	# seen/location	whales/time period	NS	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	4 See Appendix	
		#/aerial transect line	whales/time period	37 lines	SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	4 See Appendix	
		#/group	whales/group	8	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NA	NA	
	N	# seen/location	whales/time period	NS	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	4 See Appendix	Note 15
		#/aerial transect line	whales/time period	37 lines	SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	4 See Appendix	Note 15
		# of calves	neonates or yearlings or subadults	65	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2 Note 4	
		#/group	whales/group	395	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	3 Note 13	
		identification	species	A	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NA	NA	
		presence of tusk	male, female	242	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	4	
		heading	compass points	439	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
79-0111 Cont'd		position in water	description	65	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2 Note 4	
	WW	# seen/location	whales/time period	NS	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km Incidental reports	NA	NA	NS	4 See Appendix	Note 15
		#/aerial transect line	whales/time period	37 lines	SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	4 See Appendix	Note 15
		# of calves	neonates or yearlings or subadults	109	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	3 Note 10	
		#/group	whales/group	592	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km Incidental reports	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km Incidental reports	NA	NA	NA	NA	
		overall colour	hues	33	RAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km SAS; Twin Otter; 50-150m; 185-240km/h; 0.4-1.6km	NA	NA	NS	2	
79-0112	N	# landed	whales/settlement/ year	8	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
	WW	# landed	whales/settlement/ year	8	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
79-0113	N	# seen/location	whales/1' lat. & 1' long.	NS	NS	NA	NA	NS	2	
		# of calves	calves of year or juveniles	55	Field examination of whales trapped by ice and harvested	NA	NA	NS	2 Note 4	
		# landed	whales/1' lat. & 1' long./day	108	Field examination of whales trapped by ice and harvested	NA	NA	NS	4	
		# struck, killed and lost	whales/1' lat. & 1' long./day	4	Ice watch	NA	NA	NS	2	
		identification	species	A	Ice watch Field examination of whales trapped by ice and harvested NS	NA	NA	NA	NA	
		genital structure	male, female	83	Field examination of whales trapped by ice and harvested	NA	NA	NS	2 Note 9	
		presence of tusk	presence	53	Field examination of whales trapped by ice and harvested	NA	NA	NS	4	
		stomach contents-identification	mud	NS	Field examination of whales trapped by ice and harvested	NA	NA	NS	2 Note 4	
80-0024	WW	#/aerial transect line	whales/time period	49 lines	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	3 Note 10	
		# of calves	young	1	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2 Note 4	
		#/group	whales/group	2	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2 Note 4	
		#/distance from aircraft	whales/200,400m	NS	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2	
		identification	species	A	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NA	NA	
		heading	compass points	2	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2	
80-0103	N	# seen/location	whales/time period	NS	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
80-0103 Cont'd	WW	# seen/location	whales/time period	NS	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km Shore watch	NA	NA	NS	2	
		# of calves	neonates or yearlings or 2-3-year olds or 4-5-year olds	NS	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km Shore watch	NA	NA	NA	NA	
		scar pattern	NS	NS	Shore watch	NA	NA	NS	2	
		dive time	NS	NS	Shore watch	Audiotapes	NE	NS	2	
		surface time	NS	NS	Shore watch	Audiotapes	NE	NS	2	
		time between blows	NS	NS	Shore watch	Audiotapes	NE	NS	2	
		# blows/surfacing	blows/surfacing	NS	Shore watch	Audiotapes	NE	NS	2	
		# surfacings/time	surfacings/time period	NS	Shore watch	Audiotapes	NE	NS	2	
		# calls/whale	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		# calls/type/time	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		call duration	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		call frequency spectrum	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		pulse rate	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
80-0104	N	# landed	whales/settlement/ year	8	Hunters' interviews	NA	NA	NS	2	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
81-0024	N	#/aerial transect line	whales/time period	45 lines	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	3 Note 10	
		#/group	whales/group	F	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2 Note 4	
		#/distance from aircraft	whales/200,400m	F	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2	
		identification	species	A	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NA	NA	
		colour pattern	description	1	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2 Note 4	
		heading	compass points	F	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
81-0024 Cont'd	WW	#/aerial transect line	whales/time period	45 lines	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	3 Note 10	
		# of calves	young	2	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2 Note 4	
		#/group	whales/group	F	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2 Note 4	
		#/distance from aircraft	whales/200,400m	F	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2	
		identification	species	A	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NA	NA	
		heading	compass points	F	SAS; Cessna 337; 91-152m; 258km/h; 0.8km	NA	NA	NS	2	
81-0100	BW	# seen/location	whales/time period	4	RAS; Bell 206; 300m; 190km/h; 0.8km	Photographs	NS	NS	3 Note 10	Note 15
		#/group	whales/group	4	RAS; Bell 206; 300m; 190km/h; 0.8km	Photographs	NS	NS	2 Note 4	
		identification	species	A	RAS; Bell 206; 300m; 190km/h; 0.8km	Photographs	NA	NA	NA	
	N	# seen/location	whales/time period	NS	RAS; Bell 206; 300m; 190km/h; 0.8km Shore watch	NA	NA	NS	3 Note 10	Note 15
		#/aerial transect line	whales/time period	NS	SAS; Bell 206; 300m; 140km/h; 0.8km	NA	NA	NS	3 Note 10	Note 15
		# of calves	NS	NS	NS	NA	NA	NS	2	
		#/group	whales/group	NS	RAS; Bell 206; 300m; 190km/h; 0.8km SAS; Bell 206; 300m; 140km/h; 0.8km Shore watch	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Bell 206; 300m; 190km/h; 0.8km SAS; Bell 206; 300m; 190km/h; 0.8km Shore watch NS	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
81-0100 Cont'd	WW	# seen/location	whales/time period	NS	RAS; Bell 206; 300m; 140km/h; 0.8km Shore watch	NA	NA	NS	3 Note 10	Note 15
		#/aerial transect line	whales/time period	NS	SAS; Bell 206; 300m; 140km/h; 0.8km	NA	NA	NS	3 Note 10	Note 15
		#/photograph	whales/photograph	NS	Shore watch using NS equipment	Photographs	NS	NS	2	
		# of calves	neonates or yearlings or 2-3-year olds or 4-5-year olds	NS	NS	NA	NA	NS	2	
		#/group	whales/group	NS	RAS; Bell 206; 300m; 190km/h; 0.8km SAS; Bell 206; 300m; 140km/h; 0.8km Shore watch	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Bell 206; 300m; 190km/h; 0.8km SAS; Bell 206; 300m; 140km/h; 0.8km Shore watch NS	Photographs	NA	NA	NA	
		dive time	NS	NS	Shore watch	Audiotapes	NE	NS	2	
		surface time	NS	NS	Shore watch	Audiotapes	NE	NS	2	
		time between blows	NS	NS	Shore watch	Audiotapes	NE	NS	2	
		# blows/surfacing	blows/surfacing	NS	Shore watch	Audiotapes	NE	NS	2	
		# surfacings/time	surfacings/time period	NS	Shore watch	Audiotapes	NE	NS	2	
		# calls/whale	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		# calls/type/time	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		call duration	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		call frequency spectrum	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		pulse rate	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
82-0098	N	# seen/location	whales/time period	NS	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km	NA	NA	NS	2	
		#/group	whales/group	NS	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km	NA	NA	NS	2 Notes 4,9	
		identification	species	A	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km	NA	NA	NA	NA	
	WW	# seen/location	whales/time period	NS	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km Shore watch	Photographs	NS	NS	2	
		#/photograph	whales/photograph	NS	Shore watch using NS equipment	Photographs	NS	NS	2	
		# of calves	neonates or yearlings or 2-3-year olds or 4-5-year olds	NS	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km	NA	NA	NS	2	
		#/group	whales/group	NS	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km Shore watch	Photographs	NS	NS	2 Note 4	
		identification	species	A	RAS; Twin Otter, Bell 206; 300m; 190km/h; 0.8km Shore watch	Photographs	NA	NA	NA	
		dive time	NS	NS	Shore watch	Audiotapes	NE	NS	2	
		surface time	NS	NS	Shore watch	Audiotapes	NE	NS	2	
		time between blows	NS	NS	Shore watch	Audiotapes	NE	NS	2	
		# blows/surfacing	blows/surfacing	NS	Shore watch	Audiotapes	NE	NS	2	
		# surfacings/time	surfacings/time period	NS	Shore watch	Audiotapes	NE	NS	2	
		# calls/whale	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		# calls/type/time	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		call duration	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		call frequency spectrum	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		pulse rate	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
82-0104	BW	# seen/location	whales/general	3	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2 Note 4	
		#/group	whales/group	3	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2 Note 4	
		#/distance from vessel	whales/km	1	RAS; Bell 206B; 300-500m; NS; NS	NA	NA	NS	2	
		#/distance from ice edge	whales/m	2	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2	
		identification	species	A	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NA	NA	
		heading	compass points	1	Ice watch	NA	NA	NS	2	
		distance/dive	km/min.	1	Ice watch	NA	NA	NS	2	
		dive time	min.	1	Ice watch	NA	NA	NS	2	
		position in water	relative	1	Ice watch	NA	NA	NS	2 Note 4	
	N	# seen/location	presence, whales/ general	NS	RAS; Bell 206B; 300-500m; NS; NS Ice watch Incidental reports	NA	NA	NS	2 Note 4	
		# of calves	subadults	NS	Ice watch	NA	NA	NS	2 Note 4	
		#/group	relative or whales/ group	193	RAS; Bell 206B; 300-500m; NS; NS	NA	NA	NS	2 Note 4	
		# landed	whales/hunt	1	Hunters' interviews	NA	NA	NS	2	
		#/distance from vessel	whales/km	1	RAS; Bell 206B; 300-500m; NS; NS	NA	NA	NS	2	
		#/distance from ice edge	relative, whales/ km,m	F	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2 Note 4	
		identification	species	A	RAS; Bell 206B; 300-500m; NS; NS Ice watch Incidental reports Hunters' interviews	NA	NA	NA	NA	
		scar pattern	presence	2	Ice watch	NA	NA	NS	2 Note 4	
		presence of tusk	male	11	Ice watch	NA	NA	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
82-0104 Cont'd		presence of birds	description	1	Ice watch	NA	NA	NS	2 Note 4	
		heading	compass points	F	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2	
		distance/time	relative	F	Ice watch	NA	NA	NS	2 Note 4	
		distance/dive	m/dive	2	Ice watch	NA	NA	NS	3	
		swimming under ice	description	NS	Ice watch	NA	NA	NS	2 Note 4	
		dive time	sec. or min.	3	Ice watch	NA	NA	NS	4	
		surface time	sec.	2	Ice watch	NA	NA	NS	4	
		tusk raising	description	2	Ice watch	NA	NA	NS	2 Note 4	
		touching another whale	description	3	Ice watch	NA	NA	NS	4	
		orientation to vessel	relative	1	RAS; Bell 206B; 300-500m; NS; NS	NA	NA	NS	2 Note 4	
		orientation to ice edge	description/group	192	RAS; Bell 206B; 300-500m; NS; NS Ice watch Incidental reports	NA	NA	NS	2 Note 4	
		distance between individuals	relative	F	RAS; Bell 206B; 300-500m; NS; NS	NA	NA	NS	2 Note 4	
		proximity to other species	description or m	3	Ice watch	NA	NA	NS	2,4 Note 4	
		position in water	relative	F	Ice watch	NA	NA	NS	2 Note 4	
		flipper in air	description	1	Ice watch	NA	NA	NS	2 Note 4	
		rolling on side	description	1	Ice watch	NA	NA	NS	2 Note 4	
		# calls/type/time	calls/type/time period	13 minutes	Ice watch using Sony TC-D5M cassette tape recorder, a wideband H56 hydrophone and two bender hydrophones	Audiotapes	Data General Nova 3 with 12-bit analog-to-digital converter and Spectral Dynamics SD301C real-time analyzer	NS	1,4 See Appendix	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
82-0104 Cont'd		call duration	0.1 sec.	13 minutes	Ice watch using Sony TC-D5M cassette tape recorder, a wideband H56 hydrophone and two bender hydrophones	Audiotapes	Data General Nova 3 with 12-bit analog-to-digital converter and Spectral Dynamics SD301C real-time analyzer	± 0.15 sec.	1,4 See Appendix	
		call frequency spectrum	Hz	13 minutes	Ice watch using Sony TC-D5M cassette tape recorder, a wideband H56 hydrophone and two bender hydrophones	Audiotapes	Data General Nova 3 with 12-bit analog-to-digital converter and Spectral Dynamics SD301C real-time analyzer	± 100 Hz	1,4 See Appendix	
		pulse rate	0.1 sec.	13 minutes	Ice watch using Sony TC-D5M cassette tape recorder, a wideband H56 hydrophone and two bender hydrophones	Audiotapes	Data General Nova 3 with 12-bit analog-to-digital converter and Spectral Dynamics SD301C real-time analyzer	NS	1,4 See Appendix	
	WW	# seen/location	whales/general	NS	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2 Note 4	
		# of calves	neonates or subadults	11	Ice watch	NA	NA	NS	2 Note 4	
		#/group	whales/group	234	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2 Note 4	
		# of male pods	pods	F	Ice watch	NA	NA	NS	4	
		#/distance from vessel	whales/km	2	RAS; Bell 206B; 300-500m; NS; NS	NA	NA	NS	2	
		#/distance from ice edge	whales/km,m	F	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
82-0104 Cont'd		identification	species	A	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NA	NA	
		presence of birds	description	1	Ice watch	NA	NA	NS	4	
		heading	description or compass points	F	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2,3 Notes 4,16	
		distance/time	km/h or relative or diagram	F	Ice watch	NA	NA	NS	1,2,4 Notes 4,8	
		distance/dive	diagram	41	Ice watch	NA	NA	NS	4	
		swimming under ice	description	4	Ice watch	NA	NA	NS	2 Note 4	
		dive time	sec.	42	Ice watch	NA	NA	NS	4	
		surface time	sec.	6	Ice watch	NA	NA	NS	4	
		orientation to vessel	description	3	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2 Note 4	
		orientation to ice edge	description/group	230	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2 Note 4	
		distance between individuals	relative or whales/km or diagram	F	RAS; Bell 206B; 300-500m; NS; NS Ice watch	NA	NA	NS	2,4 Note 4	
		proximity to other species	description or m	3	Ice watch	NA	NA	NS	2,4 Note 4	
		position in water	relative	F	Ice watch	NA	NA	NS	2 Note 4	
		disturbing mud	description	1	RAS; Bell 206B; 300-500m; NS; NS	NA	NA	NS	4	
		# calls/type/time	calls/type/time period	13 minutes	Ice watch using Sony TC-D5M cassette tape recorder, a wideband H56 hydrophone and two bender hydrophones	Audiotapes	Data General Nova 3 with 12-bit analog-to-digital converter and Spectral Dynamics SD301C real-time analyzer	NS	1,4 See Appendix	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
82-0104 Cont'd		call duration	0.1 sec.	13 minutes	Ice watch using Sony TC-D5M cassette tape recorder, a wideband H56 hydrophone and two bender hydrophones	Audiotapes	Data General Nova 3 with 12-bit analog-to-digital converter and Spectral Dynamics SD301C real-time analyzer	± 0.15 sec.	1,4 See Appendix	
		call frequency spectrum	Hz	13 minutes	Ice watch using Sony TC-D5M cassette tape recorder, a wideband H56 hydrophone and two bender hydrophones	Audiotapes	Data General Nova 3 with 12-bit analog-to-digital converter and Spectral Dynamics SD301C real-time analyzer	± 100 Hz	1,4 See Appendix	
		pulse rate	0.1 sec.	13 minutes	Ice watch using Sony TC-D5M cassette tape recorder, a wideband H56 hydrophone and two bender hydrophones	Audiotapes	Data General Nova 3 with 12-bit analog-to-digital converter and Spectral Dynamics SD301C real-time analyzer	NS	1,4 See Appendix	
83-0048	N	#/group	whales/group	1	Ice watch	NA	NA	Range given: 6-8 whales	2 Note 4	
		# landed	whales/hunter/day	2	Ice watch	NA	NA	NS	4	
		identification	species	4	Ice watch Field examination of harvested whales	Photograph	NA	NA	NA	
		total length	cm or mm	2	Field examination of harvested whales	Photograph	NS	NS	4	
		snout-to-blowhole length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		snout-to-anus length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		snout-to-genital slit length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0048 Cont'd		snout-to-umbilicus length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		snout-to-flipper length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		snout-to-eye length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		snout-to-ear length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		snout-to-angle of mouth length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		flipper length	cm or mm	2	Field examination of harvested whales	Photograph	NS	NS	4	
		flipper width	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		tail width	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		girth at armpit	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		girth at eye	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		girth at navel	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		girth at anus	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		total tusk length	mm	55	Field examination of harvested whales	NS	NS	NS	4	
		exposed tusk length	mm	1	Field examination of harvested whale	NA	NA	NS	4	
		tusk circumference	mm	1	Field examination of harvested whale	NA	NA	NS	2	
		eye-to-ear length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		eye-to-blowhole length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		eye-to-angle of mouth length	cm or mm	2	Field examination of harvested whales	NA	NA	NS	4	
		blowhole width	mm	2	Field examination of harvested whales	NA	NA	NS	2	
		tail notch depth	mm	2	Field examination of harvested whales	NA	NA	NS	4	
		blubber thickness	mm	2	Field examination of harvested whales	NA	NA	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0048 Cont'd		muktuk thickness	mm	2	Field examination of harvested whales	NA	NA	NS	4	
		tusk weight	g	55	Field examination of harvested whales	NS	NS	± 50 g	2	
		colour pattern	description	2	Field examination of harvested whales	Photograph	NS	NS	2 Note 4	
		# of scars	scars	2	Field examination of harvested whales	Photograph	NS	NS	4	
		scar pattern	description	2	Field examination of harvested whales	Photograph	NS	NS	4	
		genital structure	male, female	2	Field examination of harvested whales	NA	NA	NS	2 Note 9	
		presence of tusk	presence	7	Field examination of harvested whales Ice watch	NA	NA	NS	4	
		corpora lutea #	presence	1	Field examination of harvested whale	NA	NA	NS	2 Note 4	
		uterine cornua diameter	mm	1	Field examination of harvested whale	NA	NA	NS	4	
		mammary gland depth	mm	1	Field examination of harvested whale	NA	NA	NS	4	
		milk volume	relative	1	Field examination of harvested whale	NA	NA	NS	2	
		milk colour	hues	1	Field examination of harvested whale	NA	NA	NS	2	
		milk consistency	relative	1	Field examination of harvested whale	NA	NA	NS	2	
		milk opaqueness	relative	1	Field examination of harvested whale	NA	NA	NS	2	
		stomach contents - identification	class	1	Field examination of harvested whale	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0049	N	#/photograph	whales/photograph	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		# of calves	neonates or juveniles	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		#/group	whales/group	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		identification	species	A	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	NA	NA	NA	
		presence of tusk	male, female	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		heading	relative to flight line	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	1 Note 17	
	WW	#/photograph	whales/photograph	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		# of calves	neonates or juveniles	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0049 Cont'd		#/group	whales/group	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		identification	species	A	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	NA	NA	NA	
		heading	relative to flight line	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	1 Note 17	
83-0050	BW	# seen/location	whales/time period	5	Shore watch	NA	NA	NS	3 Note 10	
		# of calves	calves or subadults	NS	Shore watch	NA	NA	NS	3 Note 10	
		#/group	whales/group	NS	Shore watch	NA	NA	NS	2	
		identification	species	A	Shore watch	NA	NA	NA	NA	
		heading	NS	NS	Shore watch	NA	NA	NS	2	
		dive time	min.	NS	Shore watch	NA	NA	NS	2	
		surface time	min.	NS	Shore watch	NA	NA	NS	2	
		time between blows	NS	NS	Shore watch	NA	NA	NS	2	
		# blows/surfacing	blows/surfacing	NS	Shore watch	NA	NA	NS	2	
		# surfacings/time	surfacings/time period	NS	Shore watch	NA	NA	NS	2	
		breaching	presence	NS	Shore watch	NA	NA	NS	2	
		tail slapping	presence	NS	Shore watch	NA	NA	NS	2	
	N	# seen/location	whales/time period	NS	Shore watch	NA	NA	NS	3 Note 10	
		#/photograph	whales/photograph	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0050 Cont'd		# of calves	calves or subadults	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens Shore watch	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	3,4 Note 10	
		#/group	whales/group	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens Shore watch	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	2,4	
		identification	species	A	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens Shore watch	Ektachrome 400 ASA film	NA	NA	NA	
		# of scars	scars	NS	Shore watch	NA	NA	NS	2	
		presence of tusk	male, female	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens Shore watch	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		heading	relative to flight path	NS	SAS; Twin Otter; 488m; 185km/h; NC using a 10x13cm format Lindhoff Aero Teknica camera with a 90mm lens	Ektachrome 400 ASA film	Nikon SMZ-1 stereo zoom dissecting microscope	NS	1 Note 17	
		swimming under ice	presence	NS	Shore watch	NA	NA	NS	2	
		dive time	min.	NS	Shore watch	NA	NA	NS	2	
		surface time	min.	NS	Shore watch	NA	NA	NS	2	
		time between blows	NS	NS	Shore watch	NA	NA	NS	2	
		# blows/surfacing	blows/surfacing	NS	Shore watch	NA	NA	NS	2	
		# surfacings/time	surfacings/time period	NS	Shore watch	NA	NA	NS	2	
		tusk crossing over body	presence	NS	Shore watch	NA	NA	NS	2	
		tusks crossing	presence	NS	Shore watch	NA	NA	NS	2	
		tusk raising	presence	NS	Shore watch	NA	NA	NS	2	
		rubbing another whale	presence	NS	Shore watch	NA	NA	NS	2	
		orientation to others	NS	NS	Shore watch	NA	NA	NS	2	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0050 Cont'd		synchrony among animals	NS	NS	Shore watch	NA	NA	NS	2	
		position in water	NS	NS	Shore watch	NA	NA	NS	2	
		spy-hopping	presence	NS	Shore watch	NA	NA	NS	2	
		tail in air	presence	NS	Shore watch	NA	NA	NS	2	
		bobbing	presence	NS	Shore watch	NA	NA	NS	2	
		swimming in circles	presence	NS	Shore watch	NA	NA	NS	2	
		rolling on side	presence	NS	Shore watch	NA	NA	NS	2	
83-0052	WW	# seen/location	whales/specific	NS	Shore watch	Photographs	NS	NS	2	
		identification	species	A	Shore watch	Photographs	NA	NA	NA	
		heading	compass points	NS	Shore watch	NA	NA	NS	2	
		# calls/whale	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		# calls/type/time	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		call duration	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		call frequency spectrum	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		pulse rate	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
83-0055	N	# seen/location	whales/specific	NS	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	Photographs	NS	NS	3 Note 10	
		#/photograph	whales/photograph	NS	RAS; Bell 206B; 152-305m; 185km/h; 0.8km using NS equipment	Photographs	NS	NS	2	
		# of calves	neonates or immatures	13	Ice watch	NA	NA	NS	2	
		#/group	whales/pod	NS	Ice watch	Photographs	NS	NS	3,4 Note 10	
		# landed	whales/location/time period	3	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Hunters' interviews	NA	NA	NS	4	
		# struck, killed and lost	description	3	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	4	
		# dead/location	whales/camp	2	RAS; Bell 206B; 152-305m; 185km/h; 0.8km	NA	NA	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0055 Cont'd		#/distance from vessel	whales/km,m	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	3 Note 10	
		#/distance from ice edge	whales/m or whales/400,800m	582	RAS; Bell 206B; 152-305m; 185km/h; 0.8km	NA	NA	NS	2,3 Note 10	
		identification	species	A	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch Hunters' interviews Field examination of shot whales	Photographs	NA	NA	NA	
		total length	cm	2	Field examination of shot whales	NA	NA	NS	4	
		tusk length	cm	1	Field examination of shot whale	NA	NA	NS	1 Note 14	
		scar pattern	description	NS	Ice watch	NA	NA	NS	2 Note 4	
		presence of tusk	male, female	797	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch Field examination	NA	NA	NS	4	
		association with calf	female	NS	Ice watch	NA	NA	NS	4	
		heading	compass points	1734	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2	
		distance/time	relative or m/sec.	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2,4 Note 4	
		swimming under ice	description	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2 Note 4	
		dive time	min.	14	Ice watch	NA	NA	NS	4	
		surface time	min. or sec.	15	Ice watch	NA	NA	NS	2,4	
		time between blows	sec.	70	Ice watch	NA	NA	NS	4	
		tusks crossing	presence/whales	NS	Ice watch	NA	NA	NS	2 Note 4	
		sweeping	description	R	Ice watch	NA	NA	NS	4	
		touching another whale	description	1	Ice watch	NA	NA	NS	2 Note 4	
		orientation to ice edge	description	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0055 Cont'd		synchrony among animals	presence	NS	Ice watch	NA	NA	NS	2 Note 4	
		distance between individuals	relative	2	Ice watch	NA	NA	NS	2 Note 4	
		proximity to other species	description	NS	RAS; Bell 206B; 152-305m; 185km/h; 0.8km	Photographs	NS	NS	2 Note 4	
		position in water	description	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2 Note 4	
		flukes in air	presence	NS	Ice watch	NA	NA	NS	2 Note 4	
		swimming in circles	presence	F	Ice watch	NA	NA	NS	2 Note 4	
		# calls/type/time	calls/type/30 sec.	38.5 minutes	Ice watch using Sony WM-D6 Pro-Walkman or Sony TC-D5M or Fostex 250 cassette tape recorder, H56 hydrophone and low-noise bender hydrophones	Audiotapes	Hewlett-Packard 9816 computer system, Spectrum Color real-time analyzer and Kay Electric 7029A analyzer	NS	4	
		call duration	0.1 sec.	38.5 minutes	Ice watch using Sony WM-D6 Pro-Walkman or Sony TC-D5M or Fostex 250 cassette tape recorder, H56 hydrophone and low-noise bender hydrophones	Audiotapes	Hewlett-Packard 9816 computer system, Spectrum Color real-time analyzer and Kay Electric 7029A analyzer	NS	4	
		call frequency spectrum	Hz	38.5 minutes	Ice watch using Sony WM-D6 Pro-Walkman or Sony TC-D5M or Fostex 250 cassette tape recorder, H56 hydrophone and low-noise bender hydrophones	Audiotapes	Hewlett-Packard 9816 computer system, Spectrum Color real-time analyzer and Kay Electric 7029A analyzer	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0055 Cont'd		calls intensity	db/1uPa	NS	Ice watch using Sony WM-D6 Pro-Walkman or Sony TC-D5M or Fostex 250 cassette tape recorder, H56 hydrophone and low-noise bender hydrophones	Audiotapes	Hewlett-Packard 9816 computer system, Spectrum Color real-time analyzer and Kay Electric 7029A analyzer	NS	2	
		pulse rate	0.1 sec.	38.5 minutes	Ice watch using Sony WM-D6 Pro-Walkman or Sony TC-D5M or Fostex 250 cassette tape recorder, H56 hydrophone and low-noise bender hydrophones	Audiotapes	Hewlett-Packard 9816 computer system, Spectrum Color real-time analyzer and Kay Electric 7029A analyzer	NS	4	
	WW	# seen/location	whales/specific	NS	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	Photographs	NS	NS	3 Note 10	
		#/photograph	whales/photograph	NS	RAS; Bell 206B; 152-305m; 185km/h; 0.8km using NS equipment	Photographs	NS	NS	2	
		# of calves	immatures	477	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	3 Note 10	
		#/group	whales/pod	NS	Ice watch	Photographs	NS	NS	3,4 Note 10	
		# of male pods	pods	NS	Ice watch	NA	NA	NS	4	
		#/distance from vessel	whales/km	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	3 Note 10	
		#/distance from ice edge	whales/m or whales/400,800m	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2,3 Note 10	
		identification	species	A	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	Photographs	NA	NA	NA	
		association with calf	female	693	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0055 Cont'd		heading	compass points	10106	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2	
		distance/time	relative or m/sec.	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2,4 Note 4	
		swimming under ice	description	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2,4 Note 4	
		chasing	presence	NS	Ice watch	NA	NA	NS	2 Note 4	
		touching another whale	description	NS	Ice watch	NA	NA	NS	2 Note 4	
		orientation to ice edge	description	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2 Note 4	
		synchrony among animals	presence	NS	Ice watch	NA	NA	NS	2 Note 4	
		distance between individuals	m	2	Ice watch	NA	NA	NS	2	
		proximity to other species	description	NS	RAS; Bell 206B; 152-305m; 185km/h; 0.8km	NA	NA	NS	2 Note 4	
		position in water	relative	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2 Note 4	
		tail slapping	presence	NS	Ice watch	NA	NA	NS	2 Note 4	
		swimming in circles	presence	F	RAS; Bell 206B; 152-305m; 185km/h; 0.8km Ice watch	NA	NA	NS	2 Note 4	
		rolling on side	description	1	RAS; Bell 206B; 152-305m; 185km/h; 0.8km	NA	NA	NS	2 Note 4	
		# calls/type/time	calls/type/30 sec.	38.5 minutes	Ice watch using Sony WM-D6 Pro-Walkman or Sony TC-D5M or Fostex 250 cassette tape recorder, H56 hydrophone and low-noise bender hydrophones	Audiotapes	Hewlett-Packard 9816 computer system, Spectrum Color real-time analyzer and Kay Electric 7029A analyzer	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
83-0055 Cont'd		call duration	0.1 sec.	38.5 minutes	Ice watch using Sony WM-D6 Pro-Walkman or Sony TC-D5M or Fostex 250 cassette tape recorder, H56 hydrophone and low-noise bender hydrophones	Audiotapes	Hewlett-Packard 9816 computer system, Spectrum Color real-time analyzer and Kay Electric 7029A analyzer	NS	4	
		call frequency spectrum	Hz	38.5 minutes	Ice watch using Sony WM-D6 Pro-Walkman or Sony TC-D5M or Fostex 250 cassette tape recorder, H56 hydrophone and low-noise bender hydrophones	Audiotapes	Hewlett-Packard 9816 computer system, Spectrum Color real-time analyzer and Kay Electric 7029A analyzer	NS	4	
		pulse rate	0.1 sec.	38.5 minutes	Ice watch using Sony WM-D6 Pro-Walkman or Sony TC-D5M or Fostex 250 cassette tape recorder, H56 hydrophone and low-noise bender hydrophones	Audiotapes	Hewlett-Packard 9816 computer system, Spectrum Color real-time analyzer and Kay Electric 7029A analyzer	NS	4	
84-0004	WW	# landed	whales/general location	1	Hunters' interviews	NA	NA	NS	2 Note 4	
		identification	species	A	Hunters' interviews	NA	NA	NA	NA	
84-0025	BW	#/photograph	whales/photograph	NS	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		#/group	whales/group	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
84-0025 Cont'd		identification	species	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	NA	NA	NA	
		heading	relative to flight path	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
	N	#/photograph	whales/photograph	NS	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		# of calves	neonates or juveniles	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		#/group	whales/group	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		identification	species	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	NA	NA	NA	
		heading	relative to flight path	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
	WW	#/photograph	whales/photograph	NS	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		# of calves	neonates or juveniles	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		#/group	whales/group	A	SAS: Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
84-0025 Cont'd		identification	species	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	NA	NA	NA	
		heading	relative to flight path	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
84-0026	BW	# seen/location	whales/time period	NS	Shore watch RAS; Bell 206; NS; NS; NS	NA	NA	NS	2,3 Note 10	
		# of calves	calves or subadults	NS	Shore watch	NA	NA	NS	3 Note 10	
		#/group	whales/group	NS	Shore watch RAS; Bell 206; NS; NS; NS	NA	NA	NS	2	
		identification	species	A	Shore watch RAS; Bell 206; NS; NS; NS	NA	NA	NA	NA	
		heading	NS	NS	Shore watch	NA	NA	NS	2	
		dive time	min.	NS	Shore watch RAS; Bell 206; NS; NS; NS	NA	NA	NS	2	
		surface time	min.	NS	Shore watch RAS; Bell 206; NS; NS; NS	NA	NA	NS	2	
		time between blows	NS	NS	Shore watch	NA	NA	NS	2	
		# blows/surfacing	blows/surfacing	NS	Shore watch	NA	NA	NS	2	
		# surfacings/time	surfacings/time period	NS	Shore watch	NA	NA	NS	2	
		proximity to other species	description	NS	RAS; Bell 206; NS; NS; NS	NA	NA	NS	2	
	N	# seen/location	whales/time period	NS	Shore watch RAS; Bell 206; NS; NS; NS	NA	NA	NS	2,3 Note 10	
		#/photograph	whales/photograph	NS	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	4	
		# of calves	calves or subadults or neonates or juveniles	NS	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens Shore watch	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	3,4 Note 10	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
84-0026 Cont'd		#/group	whales/group	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens Shore watch RAS; Bell 206; NS; NS; NS	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	2,4	
		identification	species	A	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens Shore watch RAS; Bell 206; NS; NS; NS	Kodak 2445 Aerocolor negatives	NA	NA	NA	
		heading	relative to flight path or NS	NS	SAS; Twin Otter; 915m; 222km/h; NC using Wild RC8 23cm format camera with a 152mm lens Shore watch	Kodak 2445 Aerocolor negatives	Nikon SMZ-1 stereo zoom dissecting microscope	NS	2,4	
		distance/time	NS	NS	Shore watch	NA	NA	NS	2	
		swimming under ice	presence	NS	Shore watch	NA	NA	NS	2 Note 4	
		dive time	min.	NS	Shore watch RAS; Bell 206; NS; NS; NS	NA	NA	NS	2	
		surface time	min.	NS	Shore watch RAS; Bell 206; NS; NS; NS	NA	NA	NS	2	
		# blows/surfacing	blows/surfacing	NS	Shore watch	NA	NA	NS	2	
		# surfacings/time	surfacings/time period	NS	Shore watch	NA	NA	NS	2	
		tusk raising	presence	NS	Shore watch	NA	NA	NS	2 Note 4	
		rubbing another whale	presence	NS	Shore watch	NA	NA	NS	2 Note 4	
		orientation to others	NS	NS	Shore watch	NA	NA	NS	2	
		synchrony among animals	presence	NS	Shore watch	NA	NA	NS	2 Note 4	
		proximity to other species	description	NS	RAS; Bell 206; NS; NS; NS	NA	NA	NS	2	
		position in water	NS	NS	Shore watch	NA	NA	NS	2	
		bobbing	presence	NS	Shore watch	NA	NA	NS	2 Note 4	
		swimming in circles	presence	NS	Shore watch	NA	NA	NS	2 Note 4	
		rolling on side	presence	NS	Shore watch	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
84-0026 Cont'd	WW	# seen/location	whales/NS	NS	RAS; Bell 206; NS; NS; NS	NA	NA	NS	2	
		identification	species	A	RAS; Bell 206; NS; NS; NS	NA	NA	NA	NA	
		proximity to other species	description	NS	RAS; Bell 206; NS; NS; NS	NA	NA	NS	2	
84-0027	BW	# seen/location	whales/NS	3	RAS; NS; NS; NS; NS	NA	NA	NS	2	
		#/group	NS	3	RAS; NS; NS; NS; NS	NA	NA	NS	2	
		identification	species	A	RAS; NS; NS; NS; NS	NA	NA	NA	NA	
	WW	# seen/location	NS	NS	Shore watch	NA	NA	NS	2	
		#/group	NS	NS	Shore watch	NA	NA	NS	2	
		identification	species	A	Shore watch	Photographs	NA	NA	NA	
		scar pattern	NS	NS	Shore watch	Photographs	NS	NS	2	
		# calls/whale	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		# calls/type/time	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		call duration	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		call frequency spectrum	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
		pulse rate	NS	NS	Shore watch using NS equipment	Audiotapes	NS	NS	2	
84-0028	BW	# seen/location	NS	NS	RAS; Twin Otter; 457m; NS; NS	NA	NA	NS	2	
		# dead/location	NS	1	Hunters' interviews NS	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter; 457m; NS; NS using NS equipment Hunters' interviews NS	Photographs	NA	NA	NA	
		total length	NS	NS	RAS; Twin Otter; 457m; NS; NS using NS equipment	Photographs	NS	NS	2	
		colour pattern	NS	NS	RAS; Twin Otter; 457m; NS; NS using NS equipment	Photographs	NS	NS	2	
		scar pattern	NS	NS	RAS; Twin Otter; 457m; NS; NS using NS equipment	Photographs	NS	NS	2	
		heading	NS	NS	RAS; Twin Otter; 457m; NS; NS	NA	NA	NS	2 Note 9	
		dive time	NS	NS	RAS; Twin Otter; 457m; NS; NS	NA	NA	NS	2 Note 9	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
84-0028 Cont'd		orientation to others	NS	NS	RAS; Twin Otter; 457m; NS; NS	NA	NA	NS	2	
		proximity to other species	NS	NS	RAS; Twin Otter; 457m; NS; NS	NA	NA	NS	2	
	N	# seen/location	NS	NS	RAS; Twin Otter; 457m; NS; NS	NA	NA	NS	2	
		# dead/location	NS	2	NS	NA	NA	NS	2	
		identification	species	A	RAS; Twin Otter; 457m; NS; NS NS	NA	NA	NA	NA	
		proximity to other species	NS	NS	RAS; Twin Otter; 457m; NS; NS	NA	NA	NS	2	
84-0031	N	# seen/location	whales/time period	1946	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km	NA	NA	NS	3 Note 10	
		#/aerial transect line	whales/time period	35 lines	SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	3 Note 10	
		#/group	whales/pod	F	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	3 Note 10	
		# landed	whales/location/time	3	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km	NA	NA	NS	2	
		#/distance from aircraft	whales/altitude in m & ° from horizontal	F	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	3 Note 10	
		#/distance from vessel	whales/km	NS	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km Incidental reports	NA	NA	NS	2,3 Note 10	
		#/distance from ice edge	whales/400,1200m	F	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km	NA	NA	NS	3 Note 10	
		identification	species	A	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km Incidental reports	NA	NA	NA	NA	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
84-0031 Cont'd		heading	relative to general ice edge orientation	1523	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	4	
		distance/time	relative	F	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	2 Note 4	
		swimming under ice	description	R	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km	NA	NA	NS	2 Note 4	
		orientation to ice edge	relative to general ice edge orientation	1523	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	4	
	WW	# seen/location	whales/time period	16890	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km	NA	NA	NS	3 Note 10	
		#/aerial transect line	whales/time period	35 lines	SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	3 Note 10	
		#/distance from aircraft	whales/altitude in m & ° from horizontal	F	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	3 Note 10	
		#/distance from vessel	whales/km	NS	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	3 Note 10	
		#/distance from ice edge	whales/400, 1200m	F	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km	NA	NA	NS	3 Note 10	
		identification	species	A	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NA	NA	
		heading	relative to general ice edge orientation	7812	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	4	
		distance/time	relative	F	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	2 Note 4	
		swimming under ice	description	R	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km	NA	NA	NS	2 Note 4	

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					COLLECTION	STORAGE	ANALYSIS	PRECISION/ ACCURACY		
84-0031 Cont'd		orientation to ice edge	relative to general ice edge orientation	7812	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	4	
		position in water	relative	F	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	2 Note 4	
		flipper in air	description	R	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km	NA	NA	NS	4	
		porpoising	presence	F	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km SAS; Twin Otter; 152m; 204km/h; 1.6km	NA	NA	NS	2 Note 4	
		swimming in circles	description	R	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km	NA	NA	NS	2 Note 4	
		swimming on side	description	R	RAS; Twin Otter; 152m; 204km/h; 1.2-1.6km	NA	NA	NS	2 Note 4	

8.3 DATA INVENTORY TABLE 3: SAMPLING TIMES AND LOCATIONS

Data Inventory Table 3 presents the sampling times and locations, by survey type, for each data set. Data sets are listed in chronological order according to I.D. number. The contents and abbreviations used in this table are described below.

DATA SET I.D.

Each identification (I.D.) number is unique to a data set; all subsequent references to data sets are by I.D. numbers. The first two digits of the I.D. refer to the last two digits of the year that data collection commenced; the last four digits are assigned to the data set. The subscript $_{18}$ indicates data sets obtained in the 1800s.

SURVEY TYPE

This column indicates the methods used to obtain measurements on whales. All methods except for "Incidental Reports" are listed. Surveys involve moving platforms and watches, stationary ones. Reconnaissance surveys do not follow a pre-determined geometric search pattern, unlike systematic surveys which do. Abbreviations used are as follows:

RAS = reconnaissance aerial survey;

RIS = reconnaissance ice survey;

RVS = reconnaissance vessel survey;

SAS = systematic aerial survey; and

HI = hunters' interviews.

TIME SAMPLED

The start and end dates (month and day) are given for each survey within each data set. For aerial surveys, the start date and end date are assumed to be the same, unless available information indicates otherwise. Only a time period can be indicated for some surveys. "NS" or not specified indicates substantial doubt as to the date.

Sampling was assumed to be continuous unless otherwise indicated. Exact times (hour and minute) are given if known. If aircraft landed in the middle of a survey, for whatever reason, this is indicated. If sampling was not continuous, but the exact sampling schedule was not given, "NS" or not specified is indicated.

GEOGRAPHIC LOCATION

Specific sampling areas are detailed. Locations of large marine areas are given in Figure 2.1; the general locations of small marine areas are given in the heading of the Geographic Index. A semi-colon is used to separate areas when the sampling schedule is not known, and a dash, when it is (e.g., Lancaster Sound; Croker Bay indicates only that both areas were sampled, while Lancaster Sound-Croker Bay means first Lancaster Sound, then Croker Bay was sampled).

REMARKS

This column indicates additional information that is known regarding sampling times and/or locations.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
$_{18}$20-0001	RVS	NS	NS	NS	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
$_{18}$23-0001	RVS	July ?	July ?	NS	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
$_{18}$30-0001	RVS	NS	NS	NS	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
$_{18}$68-0001	RVS	NS	NS	NS	Lancaster Sound; Prince Regent Inlet	Additional information on sampling times and/or locations is not readily available.
$_{18}$71-0001	RVS RVS	June 25 July 23 (?)	NS July 31 (?)	NS NS	Lancaster Sound Lancaster Sound-Admiralty Inlet-Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
$_{18}$73-0001	RVS RVS	June 28 (?) July 20 (?)	July 06 (?) Aug. 11 (?)	NS NS	Prince Regent Inlet-Barrow Strait Admiralty Inlet-Lancaster Sound-Prince Regent Inlet	Additional information on sampling times and/or locations is not readily available.
$_{18}$74-0001	RVS	NS	NS	NS	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
$_{18}$84-0001	RVS	NS	NS	NS	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
$_{18}$84-0002	RVS	NS	NS	NS	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
$_{18}$86-0001	RVS	NS	NS	NS	Prince Regent Inlet; Elwin Bay	Additional information on sampling times and/or locations is not readily available.
$_{19}$87-0001	RVS	NS	NS	NS	Prince Regent Inlet; Elwin Bay	Additional information on sampling times and/or locations is not readily available.
$_{18}$90-0002	RVS	NS	NS	NS	Prince Regent Inlet	Additional information on sampling times and/or locations is not readily available.
$_{18}$91-0001	RVS	NS	NS	NS	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
$_{18}$92-0001	RVS	NS	NS	NS	Elwin Bay	Additional information on sampling times and/or locations is not readily available.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
$_{18}$94-0003	RVS	Aug. 19 (?)	Aug. 27 (?)	NS	Elwin Bay	Additional information on sampling times and/or locations is not readily available.
$_{18}$95-0002	RVS	NS	NS	NS	Elwin Bay	Additional information on sampling times and/or locations is not readily available.
$_{18}$98-0001	RVS	NS	NS	NS	Prince Regent Inlet; Elwin Bay	Additional information on sampling times and/or locations is not readily available.
03-0004	RVS	Aug. 12 1904	Aug. 18 1904	Stopped at Cuming Creek for a day, at Beechey Island for three and a half hours and at Port Leopold for a day and a half.	Lancaster Sound-Cuming Creek-Lancaster Sound-Barrow Strait-Beechey Island- Barrow Strait-Prince Regent Inlet-Port Leopold-Prince Regent Inlet-Lancaster Sound	Additional information on sampling times and/or locations is not readily available.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
08-0001	RVS	Aug. 22 1908	Aug. 28 1908	NS	Lancaster Sound-Erebus Bay-Barrow Strait-Viscount Melville Sound-M'Clure Strait-Viscount Melville Sound-Winter Harbour	Additional information on sampling times and/or locations is not readily available.
	Vessel Watch	Aug. 28 1908	Aug. 12 1909	NS	Winter Harbour	
	RIS	Apr. 06 1909	May 09 1909	NS	Winter Harbour-Cape Providence-Cape Parker-Peel Point-Cape Dundas-Cape Providence-Winter Harbour	
	RIS	May 01 1909	June 10 1909	NS	Winter Harbour-Cape Providence-Cape Hay-Mercy Bay-Cape Dundas-Cape Providence-Winter Harbour	
	RIS	May 17 1909	May 24 1909	NS	Winter Harbour-Cape Providence-Cape Hay-Mercy Bay-Cape Providence-Winter Harbour	
	Ice Watch	May 21 1909	June 24 1909	NS	Cape Providence	
	RVS	Aug. 12 1909	Aug. 14 1909	NS	Winter Harbour-Byam Martin Channel	
	RVS	Aug. 22 1909	Aug. 31 1909	NS	Austin Channel-Viscount Melville Sound-Barrow Strait-Lancaster Sound-Navy Board Inlet	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
21-0001	RIS	Apr. 13 (?) 1922	May 06 (?) 1922	NS	Fury and Hecla Strait-Agu Bay	Additional information on sampling times and/or locations is not readily available.
	RIS	Apr. 13 1922	May 01 (?) 1922	NS	Admiralty Inlet-Easter Sound-Admiralty Inlet	
	RIS	Mar. 28 1923	Apr. 05 1923	NS	Committee Bay	
	RIS	Apr. 08 1923	May 25 1923	NS	Pelly Bay-Sheperd Bay-Rae Strait-St. Roch Basin-James Ross Strait-St. Roch Basin-Rae Strait-Rasmussen Basin-Chantrey Inlet	
	RIS	June ? 1923	June 13 1923	NS	Simpson Strait-King William Island	
	RIS	Nov. 01 1923	Dec. ? 1923	NS	Simpson Strait-Queen Maud Gulf-Melville Sound-Bathurst Inlet-Kent Peninsula	
	RIS	Jan. 16 1924	Feb. 16 (?) 1924	NS	Kent Peninsula-Melville Sound-Coronation Gulf-Dolphin and Union Strait	
	RIS	Apr. 17 (?) 1924	May 29 1924	NS	Lancaster Sound-Admiralty Inlet-Cape York-Cape Crawford-Admiralty Inlet-Elwin Bay-Admiralty Inlet-Moffet Inlet	
	RVS	Aug. 02 1924	Aug. 07 (?) 1924	NS	Lancaster Sound-Admiralty Inlet-Adams Sound-Admiralty Inlet-Lancaster Sound	
	HI	NS	NS	NS	NS	
23-0003	RVS	Aug. 18 (?)	Aug. 20 (?)	Stopped at Strathcona Sound for 12 hours	Lancaster Sound-Admiralty Inlet-Strathcona Sound-Admiralty Inlet-Lancaster Sound-Navy Board Inlet	Additional information on sampling times and/or locations is not readily available.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
33-0003	RVS	NS	NS	NS	NS	Information on sampling times and locations is not readily available.
37-0016	NS	NS	NS	NS	Arctic Bay	Location is the community where Hudson Bay Company's post was located.
38-0012	NS	NS	NS	NS	Arctic Bay	Location is the community where Hudson Bay Company's post was located.
39-0004	NS	NS	NS	NS	Arctic Bay	Location is the community where Hudson Bay Company's post was located.
40-0010	RVS	Aug. 29 (?) 1940	Sep. 19 (?) 1940	Stopped at Coppermine for 3 days and Cambridge Bay	Tuktoyaktuk-Coppermine-Cambridge Bay-Amundsen Gulf	Additional information on sampling times and/or locations is not readily available.
	RVS	Aug. 12 1941	Sep. 03 1941	Stopped at Coppermine, Cambridge Bay and Gjoa Haven	Tuktoyaktuk-Coppermine-Cambridge Bay-Queen Maud Gulf-Gjoa Haven-St. Roch Basin-James Ross Strait-Pasley Bay	
	Vessel Watch	Sep. 03 1941	Aug. 04 1942	NS	Pasley Bay	
	RIS	Mar. ? 1942	Apr. ? 1942	NS	Pasley Bay-Lord Mayor Bay-Pelly Bay-Gjoa Haven-Pasley Bay	
	RVS	Aug. 04 1942	Sep. 02 1942	Stopped at Fort Ross	Pasley Bay-Tasmania Islands-Bellot Strait-Fort Ross-Prince Regent Inlet-Lancaster Sound-Navy Board Inlet	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
40-0012	NS	NS	NS	NS	Arctic Bay	Location is the community where Hudson Bay Company's post was located.
44-0002	RVS	Aug. 18	Aug. 20	NS	Navy Board Inlet-Lancaster Sound-Dundas Harbour-Beechey Island	Additional information on sampling times and/or locations is not readily available.
	RVS	Aug. 22	Aug. 24	NS	Barrow Strait-Austin Channel	
	RVS	Aug. 26	Sep. 03	NS	Byam Martin Channel-Dealy Island-Winter Harbour-M'Clure Strait-Richard Collinson Inlet-Prince of Wales Strait	
46-0003	RVS	July 22	July 24 (?)	NS	Lancaster Sound-Dundas Harbour-Lancaster Sound-Baffin Bay	Additional information on sampling times and/or locations is not readily available.
	RVS	July 27	July 31 (?)	NS	Lancaster Sound-Dundas Harbour-Lancaster Sound-Baffin Bay	
	RVS	Aug. 06 (?)	Aug. 18	NS	Lancaster Sound-Admiralty Inlet-Lancaster Sound-Dundas Harbour-Lancaster Sound	
	RVS	Aug. 20	Aug. 20 ?	NS	Lancaster Sound	
	RVS	Aug. 20	Aug. 28	NS	Lancaster Sound-Garnier Bay-Prince Regent Inlet-Lancaster Sound	
	RVS	Aug. 29	Sep. 05	NS	Lancaster Sound-Barrow Strait-Viscount Melville Sound-M'Clure Strait-Winter Harbour-Wellington Channel	
	RVS	Aug. 29	Sep. 01	NS	Lancaster Sound	
	RVS	Sep. 07	Sep. 08 (?)	NS	Lancaster Sound	
	RAS	NS	NS	NS	NS	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	TIME SAMPLED STOP	TIME SAMPLED INTERVAL	GEOGRAPHIC LOCATION	REMARKS
47-0005	RVS	July 30 (?)	Aug. 03 (?)	NS	Lancaster Sound-Port Leopold-Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
	RVS	Aug. 14 (?)	Aug. 16	NS	Lancaster Sound-Barrow Strait-Resolute Bay	
	Shore Watch	Aug. 16	Aug. 21	NS	Resolute Bay	
	RVS	Aug. 22	Aug. 22	NS	Resolute Bay-Freemans Cove	
	RVS	Aug. 25	Aug. 29	NS	Freemans Cove-south tip of Byam Martin Island-Cape Cockburn-Resolute Bay-Erebus Bay-Radstock Bay-Resolute Bay	
	Shore Watch	Aug. 29	Sep. 13	NS	Resolute Bay	
	NS	NS	NS	NS	Resolute Bay-Allen Bay-Resolute Bay	
	NS	NS	NS	NS	Resolute Bay-Assistance Bay-Resolute Bay	
	RVS	Sep. 13	Sep. 15 (?)	NS	Resolute Bay-Barrow Strait-Lancaster Sound	
49-0012	RAS	June 03	June 03	Continuous	Bathurst Inlet	
	RAS	June 06	June 06	Continuous	Bathurst Inlet-Melville Sound-Queen Maud Gulf	
	Shore Watch	June 06	Aug. 03	NS	67°48'N, 102°17'W	
	RAS	Aug. 03	Aug. 03	Continuous	Queen Maud Gulf	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
49-0013	RAS	Aug. 06	Aug. 06	Continuous	Thule-Lancaster Sound-Barrow Strait-Viscount Melville Sound-Austin Channel	Additional information on sampling times and/or locations is not readily available.
	RVS	Aug. 14	Aug. 15	NS	Lancaster Sound-Barrow Strait-Wellington Channel	
	RAS	Aug. 17	Aug. 17	Continuous	Erebus Bay-Gascoyne Inlet-Barrow Strait-Wellington Channel	
	RVS	Aug. 19 (?)	Aug. 31	NS	Wellington Channel-Radstock Bay-Resolute Bay-Barrow Strait-Lancaster Sound	
	RAS	Aug. 19	Aug. 20	Put down east of Erebus Bay	Radstock Bay-Erebus Bay-Radstock Bay	
	RAS	Aug. 28	Aug. 28	Continuous	Resolute Bay-Viscount Melville Sound-M'Clure Strait-Mould Bay	
	RAS	Aug. 29	Aug. 29	Continuous	Resolute Bay-Barrow Strait-Resolute Bay	
50-0002	RVS	Aug. 16	Aug. 21	NS	Lancaster Sound-Dundas Harbour-Barrow Strait-Resolute Bay-Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
	RAS	Aug. 17	Aug. 17	Continuous	Lancaster Sound-Radstock Bay-Gascoyne Inlet-Erebus Bay-Barrow Strait	
	RAS	NS	NS	Put down on Griffiths Island	Resolute Bay-Griffiths Island-Resolute Bay	
	RVS	Aug. 21	Aug. 22 (?)	NS	Lancaster Sound-Baffin Bay	
52-0008	RVS	Aug. 11	Aug. 19	NS	Cape Prince Alfred-Mahogany Point	Additional information on sampling times and/or locations is not readily available.
	Shore Watch	Aug. 19	Aug. 29	NS	Mahogany Point	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
52-0029	RAS	July 25	July 25	Continuous	Frobisher Bay-Admiralty Inlet-Resolute Bay	
	RAS	July 28	July 28	Continuous	Resolute Bay-Viscount Melville Sound -Resolute Bay	
	Shore Watch	NS	NS	NS	Resolute Bay	
	RAS	July 29	July 29	Continuous	Resolute Bay-Barrow Strait-Prince Regent Inlet-Igloolik-Repulse Bay-Spence Bay-Bellot Strait-Barrow Strait-Resolute Bay	
	RAS	Aug. 05	Aug. 05	Continuous	Resolute Bay-Barrow Strait-Prince Regent Inlet-Gulf of Boothia-Committee Bay-White Island	
53-0014	Shore Watch	July 18 (?)	Aug. 02	NS	Mahogany Point	Additional information on sampling times and/or locations is not readily available.
	RVS	Aug. 02	Sep. 01	NS	Mahogany Point-Russell Point-Prince of Wales Strait	
54-0001	RVS	Aug. 02	Aug. 02	NS	Lancaster Sound	
	RVS	Aug. 04	Aug. 04	NS	Lancaster Sound	
	RVS	Aug. 16	Aug. 18	NS	Barrow Strait	
	RVS	Aug. 24	Aug. 24	NS	Viscount Melville Sound	
	RVS	Aug. 26	Aug. 30	NS	Viscount Melville Sound	
	RVS	Aug. 30	Sep. ?	NS	Prince of Wales Strait	
54-0003	RVS	Aug. 25	NS	NS	Viscount Melville Sound-Richard Collinson Inlet	Additional information on sampling times and/or locations is not readily available.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
54-0033	Shore Watch	May 10	July 19	NS	Coppermine	Additional information on sampling times and/or locations is not readily available.
	Ice Watch	May 28 (?)	May 28 (?)	NS	Coronation Gulf	
	NS	Aug. 04 (?)	Aug. 04 (?)	NS	Bathurst Inlet	
	Shore Watch	Aug. 10 (?)	Aug. 10 (?)	NS	Cambridge Bay	
	Vessel Watch	Aug. 24 (?)	Aug. 24 (?)	NS	Queen Maud Gulf	
	Shore Watch	Aug. 31 (?)	Aug. 31 (?)	NS	Spence Bay	
	Shore Watch	Sep. 09 (?)	NS	NS	Adams Sound; Admiralty Inlet	
	RVS	Sep. 22 (?)	Sep. 22 (?)	NS	Adams Sound	
	Ice Watch	Oct. 28 (?) 1954	Apr. 11 (?) 1955	NS	Adams Sound; Admiralty Inlet	
54-0034	-	-	-	-	-	Data set does not contain any first-hand information.
54-0035	RAS	July 15	July 15	Continuous	Winnipeg-Resolute Bay	Additional information on sampling times and/or locations is not readily available.
	Shore Watch	July 16	July 30	NS	Resolute Bay	
	RAS	July 21	July 21	Continuous	Thule-Lancaster Sound-Barrow Strait	
	RAS	July 22	July 22	Continuous	Resolute Bay-Byam Martin Island-Viscount Melville Sound-Hadley Bay-Wynniatt Bay-Richard Collinson Inlet-Amundsen Gulf-Cape Kellett-Winter Harbour-Resolute Bay	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
54-0035 Cont'd	RAS	July 26	July 26	Continuous	Resolute Bay-Viscount Melville Sound -Russell Point-M'Clure Strait-Winter Harbour-Resolute Bay	
	RAS	July 31	July 31	Continuous	Resolute Bay-Winnipeg	
54-0036	NS	Apr. ?	Apr. ?	NS	Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Spence Bay	Locations are the communities or camps where people were interviewed.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
55-0037	NS	NS	NS	NS	Arctic Bay	Location is the community where people were interviewed.
55-0039	RAS	July 28	July 28	NS	Churchill-Creswell Bay-Resolute Bay	Additional information on sampling times and/or locations is not readily available.
	RAS	July 29	July 29	Continuous	Resolute Bay-Garnier Bay-Thule	
	RAS	July 30	July 30	Continuous	Resolute Bay-Beaufort Sea	
	RAS	Aug. 03	Aug. 03	Continuous	Fairbanks, Alaska-Resolute Bay	
	RAS	Aug. 04	Aug. 04	Continuous	Resolute Bay-Barrow Strait-Cambridge Bay-Resolute Bay	
	RAS	Aug. 05	Aug. 05	Continuous	Resolute Bay-Barrow Strait-Lancaster Sound-Bylot Island-Wellington Channel-Resolute Bay	
	Shore Watch	Aug. 06	Aug. 10	NS	Resolute Bay	
	RAS	Aug. 11	Aug. 11	Continuous	Resolute Bay-Winnipeg	
56-0035	NS	NS	NS	NS	Spence Bay	Location is the community where people were interviewed.
57-0020	NS	June 11	June 13	NS	Navy Board Inlet-Cape Hay	Additional information on sampling times and/or locations is not readily available.
	Shore Watch	June 13	Aug. 19 (?)	15-minute watches on the hour	Cape Hay	
	RVS	Aug. 20	Aug. 20	NS	Cape Hay-Navy Board Inlet	
57-0043	NS	NS	NS	NS	Arctic Bay; Resolute Bay; Spence Bay	Locations are the communities where people were interviewed.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
58-0043	NS	NS	NS	NS	Arctic Bay; Resolute Bay; Spence Bay	Locations are the communities where people were interviewed.
58-0044	RAS	May 22	May 22	NS	outside study area-Resolute Bay	Additional information on sampling times and/or locations is not readily available.
	RIS	May 24	May 31	NS	Resolute Bay-Lowther Island-Russell Island-Peel Sound-Browne Bay	
	Shore Watch	June 01	July 21	NS	Browne Bay	
	RAS	June 18	June 18	Put down near Arabella Bay once	Browne Bay-Barrow Strait	
	RAS	June 18	NS	Put down at Muskox Hill twice	Browne Bay-Peel Sound-Browne Bay	
	RIS	June 18	June 18	NS	Browne Bay	
	Shore Watch	July 21	July 23	NS	Young Bay	
	Shore Watch	July 23	July 24 (?)	NS	Young Bay-Peel Sound-Le Feuvre Inlet	
	Shore Watch	July 29 (?)	July 30	NS	Guillemard Bay	
	Shore Watch	Aug. 07	NS	NS	Browne Bay	
	Shore Watch	Aug. 14 (?)	Aug. 16 (?)	NS	Smith Bay; Scott Bay	
	RVS	Aug. 21	Aug. 27	NS	Browne Bay	
	RAS	Sep. 10	Sep. 11	Put down overnight at Cambridge Bay	Browne Bay-Cambridge Bay-Yellowknife	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
58-0045	RAS	July 28	July 28	NS	Somerset Island-Limestone Island-NS	Additional information on sampling times and/or locations is not readily available.
	RAS	July 29	July 29	NS	NS-Prince Leopold Island	
	RAS	Aug. 08	Aug. 08	NS	NS	
	RAS	Aug. 09	Aug. 09	NS	NS	
	RAS	Aug. 10	Aug. 10	Put down at Browne Bay	Somerset Island-southern Prince of Wales Island-Browne Bay-Somerset Island	
	RAS	Aug. 12	Aug. 12	Put down at Browne Bay twice	Somerset Island-Browne Bay-northern Prince of Wales Island-Browne Bay-Somerset Island	
	RAS	Aug. 13	Aug. 13	NS	Somerset Island-Prince Leopold Island	
	RAS	Aug. 19	Aug. 19	NS	Prince Leopold Island-Lancaster Sound-Admiralty Inlet-Bellot Strait	
59-0044	NS	NS	NS	NS	Resolute Bay; Spence Bay	Locations are the communities where people were interviewed.
60-0065	NS	NS	NS	NS	Resolute Bay; Spence Bay	Locations are the communities where people were interviewed.
61-0076	NS	NS	NS	NS	Resolute Bay; Spence Bay	Locations are the communities where people were interviewed.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
62-0005	Shore Watch	June 23	Aug. 13	NS	Creswell Bay	
	Vessel Watch	June 23	June 23	NS	72°45'N, 94°04'W	
	Vessel Watch	June 25	June 25	NS	72°46'N, 94°06'W	
	Vessel Watch	June 27	June 27	NS	72°45'N, 94°06'W	
	Shore Watch	June 28	Aug. 14	NS	Allen Bay	
	Vessel Watch	June 28	June 28	NS	74°36'N, 94°13'W	
	Vessel Watch	June 30	June 30	NS	72°45'N, 94°04'W	
	Vessel Watch	July 03	July 03	NS	72°46'N, 94°04'W	
	Vessel Watch	July 06	July 06	NS	74°36'N, 94°13'W; 72°46'N, 94°06'W	
	Vessel Watch	July 07	July 07	NS	72°45'N, 94°04'W	
	Vessel Watch	July 13	July 13	NS	74°36'N, 94°13'W	
	Vessel Watch	July 14	July 14	NS	72°45'N, 94°04'W	
	Vessel Watch	July 21	July 21	NS	72°45'N, 94°04'W	
	Vessel Watch	July 25	July 25	NS	74°36'N, 94°13'W; 72°53'N, 118°01'W	
	Shore Watch	July 25	Aug. 06	NS	Prince of Wales Strait; M'Clure Strait	
	Vessel Watch	July 29	July 29	NS	72°45'N, 94°04'W	
	Vessel Watch	Aug. 02	Aug. 02	NS	74°20'N, 119°46'W	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
62-0005 Cont'd	Vessel Watch	Aug. 04	Aug. 04	NS	72°45'N, 94°04'W	
	Vessel Watch	Aug. 05	Aug. 05	NS	74°17'N, 120°00'W	
	Vessel Watch	Aug. 06	Aug. 06	NS	74°21'N, 120°25'W	
	Vessel Watch	Aug. 07	Aug. 07	NS	74°36'N, 94°13'W	
	Shore Watch	Aug. 09	Aug. 27	NS	Wellington Bay	
	Vessel Watch	Aug. 09	Aug. 09	NS	69°24'N, 106°20'W	
	Vessel Watch	Aug. 11	Aug. 11	NS	72°45'N, 94°04'W	
	Vessel Watch	Aug. 13	Aug. 13	NS	72°46'N, 94°17'W	
	Vessel Watch	Aug. 14	Aug. 14	NS	74°36'N, 94°13'W	
	Vessel Watch	Aug. 27	Aug. 27	NS	69°10'N, 106°20'W	
	Vessel Watch	Sep. 07	Sep. 07	NS	69°07'N, 105°10'W	
62-0029	HI	NS	NS	NS	Resolute Bay; Spence Bay	Locations are the communities where hunters were interviewed.
62-0065	RAS	Mar. ?	May ?	NS	Resolute Bay; Barrow Strait; Peel Sound	Additional information on sampling times and/or locations is not readily available.
63-0021	HI	NS	NS	NS	Creswell Bay; Resolute Bay; Spence Bay	Locations are the communities and camps where hunters were interviewed.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
64-0025	HI	NS	NS	NS	Creswell Bay; Resolute Bay; Spence Bay	Locations are the communities and camps where hunters were interviewed.
65-0024	HI	NS	NS	NS	Resolute Bay; Spence Bay	Locations are the communities where hunters were interviewed.
65-0059	NS	NS	NS	NS	Fury and Hecla Strait; Agu Bay	Additional information on sampling methods, times, and/or locations is not readily available.
66-0024	HI	NS	NS	NS	Resolute Bay; Spence Bay	Locations are the communities where hunters were interviewed.
66-0059	NS	NS	NS	NS	NS	No information on sampling times, locations, and methods is readily available.
67-0027	HI	NS	NS	NS	Resolute Bay; Spence Bay	Locations are the communities where hunters were interviewed.
67-0045	RAS RAS	July 18 Sep. 19	July 18 Sep. 19	NS NS	NS NS	Additional information on sampling times and/or locations is not readily available.
68-0032	HI	NS	NS	NS	Resolute Bay; Spence Bay	Locations are the communities where hunters were interviewed.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
68-0066	NS	May ?	Sep. ?	NS	Gjoa Haven; Pelly Bay; Spence Bay	Additional information on sampling methods, times, and/or locations is not readily available.
	RVS	Aug. ?	Aug. ?	NS	NS	
	RAS	NS	NS	NS	NS	
	RIS	NS	NS	NS	NS	
69-0037	HI	NS	NS	NS	Resolute Bay; Spence Bay	Locations are the communities where hunters were interviewed.
70-0038	HI	NS	NS	NS	Spence Bay	Location is the community where hunters were interviewed.
71-0047	HI	NS	NS	NS	Resolute Bay	Location is the community where hunters were interviewed.
71-0103	HI	1971	1973	NS	Gjoa Haven; Pelly Bay; Spence Bay	Locations are the communities where hunters were interviewed.
72-0105	RAS	Mar. ?	June ?	NS	Gulf of Boothia; Larsen Sound; M'Clintock Channel; Victoria Strait	Additional information on sampling times and/or locations is not readily available.
72-0111	NS	NS	NS	NS	Arctic Bay	Location is the community where hunters were interviewed.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
73-0117	Photo-graphic SAS	July 14	July 14	Continuous	Cunningham Inlet	Additional information on sampling times and/or locations is not readily available.
	Photo-graphic SAS	July 26	July 26	Continuous	72°27'N, 89°43'W	
	Photo-graphic SAS	July 30	July 30	Continuous	Cunningham Inlet	
73-0118	NS	Aug. 02	Aug. 07	NS	Creswell Bay; Elwin Bay; Maxwell Bay; Prince Regent Inlet; Radstock Bay; Cunningham Inlet	Additional information on sampling methods, times, and/or locations is not readily available.
73-0120	RAS	Mar. ?	June ?	NS	Hadley Bay; Larsen Sound; M'Clintock Channel; Victoria Strait	Additional information on sampling times and/or locations is not readily available.
73-0123	Shore Watch	July 24	Aug. 08	Continuous for 166 hours; NS for rest of time period	74°43'N, 91°10'W	
73-0127	NS	NS	NS	NS	Arctic Bay	Location is the community where people were interviewed.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
74-0054	RAS	Aug. ?	Aug. ?	NS	Admiralty Inlet	Additional information on sampling times and/or locations is not readily available.
	RAS	Aug. ?	Aug. ?	NS	Admiralty Inlet	
	RAS	Aug. ?	Aug. ?	NS	Admiralty Inlet	
	RAS	Aug. ?	Aug. ?	NS	Admiralty Inlet	
	RAS	Aug. ?	Aug. ?	NS	Admiralty Inlet	
	RAS	Sep. ?	Sep. ?	NS	Strathcona Sound	
74-0111	RAS	July 05	July 05	Continuous	Resolute Bay-Somerset Island-Prince of Wales Island-Cunningham Inlet-Resolute Bay	Additional information on sampling methods, times, and/or locations is not readily available.
	Shore Watch	July 06	Aug. 09	2-3 hours/day	Southwest corner of Cunningham Inlet	
	RAS	July 08	July 08	Continuous	Cunningham Inlet-Barrow Strait	
	RAS	July 10	July 10	Continuous	Cunningham Inlet-Barrow Strait-Prince Regent Inlet	
	NS	Aug. 04	Aug. 04	NS	Cunningham Inlet	
	NS	Aug. 04	Aug. 04	NS	Cunningham Inlet	
	RAS	Aug. 09	Aug. 09	Continuous	Cunningham Inlet-Resolute Bay	
	RAS	Aug. 10	Aug. 10	NS	Resolute Bay-Barrow Strait-Lancaster Sound	
	RAS	Aug. 12	Aug. 12	Put down once at Arctic Bay	Resolute Bay-Barrow Strait-Garnier Bay-Admiralty Bay-Milne Inlet	
74-0113	RAS	May ?	May ?	NS	Admiralty Inlet; Barrow Strait; Lancaster Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay	Additional information on sampling times and/or locations is not readily available.
	RAS	Aug. 08	Aug. 09	NS	Adams Sound; Admiralty Inlet; Croker Bay; Lancaster Sound; Maxwell Bay; Moffet Inlet; Prince Regent Inlet-Radstock Bay; Strathcona Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
74-0114	RAS	Mar. 20	May 01	NS	Franklin Strait; Hadley Bay; Larsen Sound; Markham Strait; M'Clintock Channel; Victoria Strait; Viscount Melville Sound; Wynniatt Bay	Additional information on sampling times and/or locations is not readily available.
74-0116	RAS	June 03	June 29	NS	Baring Channel; Barrow Strait; Bellot Strait; Creswell Bay; Franklin Strait; Gulf of Boothia; James Ross Strait; Peel Sound; Prince Regent Inlet; Viscount Melville Sound	Additional information on sampling times and/or locations is not readily available.
	RAS	July 04	July 27	NS	Baring Channel; Barrow Strait; Bellot Strait; Franklin Strait; Gulf of Boothia; Peel Sound; Prince Regent Inlet; Viscount Melville Sound	
	RAS	July 31	Sep. 04	NS	Baring Channel; Barrow Strait; Bellot Strait; Creswell Bay; Franklin Strait; Gulf of Boothia; James Ross Strait; M'Clintock Channel; Peel Sound; Prince Regent Inlet; Viscount Melville Sound	
74-0120	NS	NS	NS	NS	Arctic Bay; Resolute Bay	Locations are the communities where people were interviewed.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
75-0075	RAS	June 01	June 12	NS	Aston Bay; Baring Channel; Barrow Strait; Bellot Strait; Creswell Bay; Cunningham Inlet; Franklin Strait; James Ross Strait; Larsen Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay; Spence Bay; Wrottesley Bay	Additional information on sampling times and/or locations is not readily available.
	RAS	June 13	June 24	NS	Aston Bay; Baring Channel; Barrow Strait; Bellot Strait; Browne Bay; Creswell Bay; Cunningham Inlet; Franklin Strait; James Ross Strait; Larsen Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay; Spence Bay; Viscount Melville Sound; Wrottesley Inlet	
	RAS	June 25	July 24	NS	Aston Bay; Baring Channel; Barrow Strait; Bellot Strait; Browne Bay; Creswell Bay; Cunningham Inlet; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay; Viscount Melville Sound	
	SAS	July 17	July 18	NS	Barrow Strait	
	Shore Watch	July 20	Aug. 31	NS	Creswell Bay	
	RAS	July 25	Aug. 07	NS	Aston Bay; Baring Channel; Barrow Strait; Bellot Strait; Browne Bay; Creswell Bay; Cunningham Inlet; Franklin Strait; James Ross Strait; Larsen Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay; Spence Bay; Viscount Melville Sound; Wrottesley Inlet	
	SAS	July 27	July 28	NS	Barrow Strait	
	SAS	Aug. 08	Aug. 08	NS	Barrow Strait	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
75-0075 Cont'd	RAS	Aug. 08	Aug. 31	NS	Aston Bay; Baring Channel; Barrow Strait; Bellot Strait; Creswell Bay; Cunningham Inlet; Franklin Strait; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay; Viscount Melville Sound	
	SAS	Aug. 22	Aug. 24	NS	Barrow Strait	
75-0076	RAS	June 03	June 03	Continuous	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
	RAS	June 05	June 05	Continuous	Lancaster Sound-Prince Regent Inlet-Lancaster Sound	
	RAS	June 06	June 06	Continuous	Lancaster Sound-Prince Regent Inlet-Lancaster Sound	
	Shore Watch	July 23	Aug. 28	NS	Kakiak Point	
75-0077	RAS	July 23	July 23	Continuous	Strathcona Sound-Admiralty Inlet-Adams Sound-Admiralty Inlet-Strathcona Sound	
	RAS	July 24	July 24	Continuous	Admiralty Inlet-Moffet Inlet-Admiralty Inlet	
	RAS	July 25	July 25	Continuous	Strathcona Sound-Admiralty Inlet-Lancaster Sound-Admiralty Inlet	
	RAS	July 26	July 26	Continuous	Admiralty Inlet-Lancaster Sound-Admiralty Inlet	
	SAS	July 28	July 28	Continuous	Admiralty Inlet	
	RAS	July 30	July 30	Continuous	Adams Sound-Admiralty Inlet	Flight sequence may be reversed.
	RAS	Aug. 01	Aug. 01	Continuous	Strathcona Sound-Admiralty Inlet-Adams Sound-Admiralty Inlet-Strathcona Sound	
	RAS	Aug. 04	Aug. 04	Continuous	Adams Sound-Admiralty Inlet	
	SAS	Aug. 09	Aug. 09	Continuous	Admiralty Inlet	
	SAS	Aug. 10	Aug. 10	Continuous	Admiralty Inlet	
	RAS	Aug. 16	Aug. 16	Continuous	Strathcona Sound-Admiralty Inlet	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
75-0077 Cont'd	RAS	Aug. 23	Aug. 23	Continuous	Lancaster Sound	
	SAS	Aug. 23	Aug. 23	Continuous	Admiralty Inlet	
75-0127	Ice Watch	May 08	June 02	NS	Aston Bay; Back Bay; Baring Channel; Barrow Strait; Browne Bay; Lancaster Sound; Peel Sound; Viscount Melville Sound	Additional information on sampling times and/or locations is not readily available.
	Shore Watch	June 04	July 08	Once every two hours for 24 hours; NS	Aston Bay	
	RAS	June 16	June 28	No flights on June 17,19,20 and 21	Back Bay; Baring Channel; Barrow Strait; Browne Bay; Lancaster Sound; Maxwell Bay; Peel Sound; Viscount Melville Sound	
75-0129	RAS	Mar. ?	June ?	NS	Franklin Strait; Gulf of Boothia; Hadley Bay; Larsen Sound; Markham Strait; M'Clintock Channel; Victoria Strait; Viscount Melville Sound; Wynniatt Bay	Additional information on sampling times and/or locations is not readily available.
	RAS	July 27	July 27	Continuous	Adams Sound-Admiralty Inlet	
	RAS	July 31	July 31	Continuous	Lancaster Sound-Navy Board Inlet-Lancaster Sound	
	RAS	Aug. 02	Aug. 02	Continuous	Admiralty Inlet-Jungerson Bay-Berlinguet Inlet-Admiralty Inlet	
	RAS	Aug. 05	Aug. 05	Continuous	Admiralty Inlet-Lancaster Sound	
	RAS	Aug. 07	Aug. 07	Continuous	Lancaster Sound	
	RAS	Aug. 12	Aug. 12	Continuous	Strathcona Sound-Adams Sound-Baillarge Bay	
	RAS	Aug. 17	Aug. 17	Continuous	Strathcona Sound-Lancaster Sound	
	RAS	Aug. 18	Aug. 18	Continuous	Admiralty Inlet	
	RAS	Aug. 20	Aug. 20	Continuous	Lancaster Sound-Navy Board Inlet	
	RAS	Aug. 22	Aug. 22	Continuous	Admiralty Inlet-Lancaster Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
75-0130	RAS	Mar. 13	May 03	NS	Barrow Strait; Franklin Strait; Peel Sound; Prince Regent Inlet; Resolute Bay	Additional information on sampling times and/or locations is not readily available.
	RAS	Apr. 22	Apr. 22	Continuous	Resolute Bay-Port Leopold	
	RAS	Apr. 30	Apr. 30	Continuous	Resolute Bay-Port Leopold	
	RAS	May 03	May 03	Continuous	Resolute Bay-Port Leopold	
75-0131	SAS	Oct. 01	Oct. 05	NS	Admiralty Inlet; Croker Bay; Lancaster Sound; Prince Regent Inlet	Additional information on sampling times and/or locations is not readily available.
	RAS	Oct. 01	Oct. 05	NS	Admiralty Inlet; Baillarge Bay; Blanley Bay; Burnett Inlet; Croker Bay; Cuming Inlet; Dundas Harbour; Elwin Inlet; Lancaster Sound; Maxwell Bay; Powell Inlet; Prince Regent Inlet; Stratton Inlet	
	SAS	Oct. 26	Oct. 27	NS	Admiralty Inlet; Croker Bay; Lancaster Sound; Prince Regent Inlet	
75-0134	Shore Watch	Aug. 25	Aug. 29	NS	74°07'N, 92°48'W	Additional information on sampling times and/or locations is not readily available.
	RVS	Aug. 29	Aug. 31	NS	Barrow Strait-Lancaster Sound-Admiralty Inlet-Strathcona Sound	
	Shore Watch	Aug. 31	Sep. 11	NS	73°07'N, 84°25'W	
75-0135	Shore Watch	May 18	Sep. 24	NS	74°02'N, 90°00'W	Additional information on sampling times and/or locations is not readily available.
	RVS	May 18	Sep. 24	NS	Barrow Strait; Lancaster Sound; Prince Regent Inlet	
	RAS	June 09	June 09	NS	NS	
	RAS	June 10	June 10	Put down at least once	Cape Clarence-Cape York-Lancaster Sound-Prince Leopold Island-Prince Regent Inlet-Cape Clarence	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
75-0136	NS	NS	NS	NS	Arctic Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	Locations are the communities where people were interviewed.
76-0064	RAS	June 18	June 18	Continuous	Arctic Bay-Navy Board Inlet	
	RAS	June 21	June 21	Continuous	Navy Board Inlet-Cape Hay	
	Shore Watch	June 21	June 21	Continuous for eight hours	Cape Hay	
	Shore Watch	June 24	July 05	Start times and end times given for each day	Cape Hay	
	Shore Watch	July 07	July 07	20:00-22:30	Cape Hay	
	Shore Watch	July 10	July 17	Start times and end times given for each day	Cape Hay	
	Shore Watch	July 20	July 28	Start times and end times given for each day	Cape Hay	
	RAS	July 31	July 31	Continuous	Cape Hay-Arctic Bay	
76-0065	Shore Watch	Aug. 12	Sep. 13	NS	86°44'N, 72°44'W	Additional information on sampling times and/or locations is not readily available.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
76-0066	RAS	Mar. ?	June ?	NS	Brentford Bay; Franklin Strait; Larsen Sound; Lord Mayor Bay; Victoria Strait	Additional information on sampling times and/or locations is not readily available.
	RAS	Aug. 08	Aug. 08	Continuous	Admiralty Inlet	
	SAS	Aug. 09	Aug. 09	Continuous	Admiralty Inlet	
	RAS	Aug. 09	Aug. 09	Continuous	Lancaster Sound-Navy Board Inlet	
	RAS	Aug. 10	Aug. 10	Continuous	Admiralty Inlet-Moffet Inlet	
	RAS	Aug. 11	Aug. 11	Continuous	Strathcona Sound-Admiralty Inlet-Lancaster Sound	
	RAS	Aug. 14	Aug. 14	Continuous	Admiralty Inlet	
	SAS	Aug. 14	Aug. 14	Continuous	Admiralty Inlet	
	SAS	Aug. 15	Aug. 15	Continuous	Admiralty Inlet	
76-0107	RIS	Apr. ?	May 28	NS	Aston Bay; Barrow Strait; M'Clintock Channel; Peel Sound; Viscount Melville Sound	Additional information on sampling times and/or locations is not readily available.
76-0109	RAS	Sep. 24	Sep. 24	Continuous	Lancaster Sound	
76-0110	Shore Watch	Aug. 02 (?)	Sep. 12 (?)	NS	74°02'N, 90°00'W	Additional information on sampling times and/or locations is not readily available.
	SAS	Aug. 02	Aug. 02	Continuous	Barrow Strait; Lancaster Sound	
	RAS	Aug. 02	Aug. 02	Continuous	Barrow Strait; Cunningham Inlet; Lancaster Sound; Prince Regent Inlet; Radstock Bay	
	SAS	Aug. 06	Aug. 06	Continuous	Barrow Strait	
	RAS	Aug. 06	Aug. 06	Continuous	Barrow Strait; Cunningham Inlet; Lancaster Sound; Maxwell Bay; Prince Regent Inlet; Radstock Bay	
	SAS	Aug. 29	Aug. 29	Continuous	Barrow Strait; Lancaster Sound	
	RAS	Aug. 29	Aug. 29	Continuous	Barrow Strait; Cunningham Inlet; Lancaster Sound; Prince Regent Inlet; Radstock Bay	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
76-0110 Cont'd	SAS	Sep. 11	Sep. 11	Continuous	Barrow Strait; Lancaster Sound	
	RAS	Sep. 11	Sep. 11	Continuous	Barrow Strait; Cunningham Inlet; Lancaster Sound; Prince Regent Inlet; Radstock Bay	
	SAS	Sep. 12	Sep. 12	Continuous	Barrow Strait; Lancaster Sound	
	RAS	Sep. 12	Sep. 12	Continuous	Barrow Strait; Cunningham Inlet; Lancaster Sound; Maxwell Bay; Prince Regent Inlet; Radstock Bay	
76-0111	SAS	May 02	May 03	NS	Admiralty Inlet; Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
	RAS	May 02	May 03	NS	Admiralty Inlet; Lancaster Sound	
	SAS	May 09	May 11	NS	Admiralty Inlet; Lancaster Sound	
	RAS	May 09	May 11	NS	Admiralty Inlet; Lancaster Sound	
	SAS	May 16	May 20	NS	Admiralty Inlet; Lancaster Sound	
	RAS	May 16	May 20	NS	Admiralty Inlet; Lancaster Sound	
	SAS	May 23	May 24	NS	Admiralty Inlet; Lancaster Sound	
	RAS	May 23	May 24	NS	Admiralty Inlet; Lancaster Sound	
	SAS	May 30	June 01	NS	Admiralty Inlet; Lancaster Sound	
	RAS	May 30	June 01	NS	Admiralty Inlet; Lancaster Sound	
	SAS	June 06	June 07	NS	Admiralty Inlet; Lancaster Sound	
	RAS	June 06	June 07	NS	Admiralty Inlet; Lancaster Sound	
	SAS	June 13	June 15	NS	Admiralty Inlet; Lancaster Sound	
	RAS	June 13	June 15	NS	Admiralty Inlet; Lancaster Sound	
	SAS	June 20	June 21	NS	Admiralty Inlet; Lancaster Sound	
	RAS	June 20	June 21	NS	Admiralty Inlet; Lancaster Sound	
	SAS	June 27	June 28	NS	Admiralty Inlet; Lancaster Sound	
	RAS	June 27	June 28	NS	Admiralty Inlet; Lancaster Sound	
	SAS	July 04	July 05	NS	Admiralty Inlet; Lancaster Sound	
	RAS	July 04	July 05	NS	Admiralty Inlet; Lancaster Sound	
	SAS	July 12	July 13	NS	Admiralty Inlet; Lancaster Sound	
	RAS	July 12	July 13	NS	Admiralty Inlet; Lancaster Sound	
	SAS	July 18	July 19	NS	Admiralty Inlet; Lancaster Sound	
	RAS	July 18	July 19	NS	Admiralty Inlet; Lancaster Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
76-0111 Cont'd	SAS	July 25	July 26	NS	Admiralty Inlet; Lancaster Sound	
	RAS	July 25	July 26	NS	Admiralty Inlet; Lancaster Sound	
	SAS	July 31	Aug. 03	NS	Admiralty Inlet; Lancaster Sound	
	RAS	July 31	Aug. 03	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Aug. 08	Aug. 10	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Aug. 08	Aug. 10	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Aug. 16	Aug. 17	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Aug. 16	Aug. 17	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Aug. 22	Aug. 22	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Aug. 22	Aug. 22	NS	Admiralty Inlet; Lancaster Sound	
	SAS	Aug. 29	Aug. 30	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Aug. 29	Aug. 30	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 05	Sep. 07	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 05	Sep. 07	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 12	Sep. 13	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 12	Sep. 13	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 19	Sep. 21	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 19	Sep. 21	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 26	Sep. 28	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 26	Sep. 28	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
76-0112	SAS	Feb. 18	Feb. 19	NS	Lancaster Sound	
	RAS	Feb. 18	Feb. 19	NS	Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Mar. 10	Mar. 11	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Mar. 10	Mar. 11	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Mar. 24	Mar. 25	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Mar. 24	Mar. 25	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Apr. 07	Apr. 08	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Apr. 07	Apr. 08	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Apr. 21	Apr. 22	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Apr. 21	Apr. 22	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	May 12	May 13	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	May 12	May 13	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	May 24	May 25	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	May 24	May 25	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	June 09	June 10	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	June 09	June 10	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	July 07	July 08	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	July 07	July 08	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
76-0112 Cont'd	SAS	July 21	July 22	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	July 21	July 22	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Aug. 11	Aug. 12	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Aug. 11	Aug. 12	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Aug. 25	Aug. 26	NS	Lancaster Sound	
	RAS	Aug. 25	Aug. 26	NS	Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Sep. 08	Sep. 09	NS	Croker Bay; Lancaster Sound	
	RAS	Sep. 08	Sep. 09	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Sep. 22	Sep. 23	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Sep. 22	Sep. 23	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
76-0113	RAS	Aug. 11	Aug. 11	NS	Barrow Strait-Cunningham Inlet-Garnier Bay-Prince Regent Inlet-Elwin Bay-Batty Bay-Creswell Bay-Bellot Strait-Peel Sound-Barrow Strait	
	RAS	Aug. 28	Aug. 28	NS	Barrow Strait-Cunningham Inlet-Garnier Bay-Prince Regent Inlet-Elwin Bay-Batty Bay-Creswell Bay-Bellot Strait-Peel Sound-Franklin Strait-Coningham Bay-Peel Sound-Barrow Strait	
	RAS	Aug. 29	Aug. 29	Continuous	Barrow Strait	
	Shore Watch	Aug. 29	Sep. 04	08:00-21:00	10km west of Fort Ross	
	RAS	Aug. 31	Aug. 31	Continuous	Barrow Strait	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
76-0113 Cont'd	RAS	Sep. 04	Sep. 04	NS	Barrow Strait-Peel Sound-Back Bay-Peel Sound-Transition Bay-Coningham Bay-Guillemard Bay-Franklin Strait-Peel Sound-Bellot Strait-Brentford Bay-Prince Regent Inlet-Creswell Bay	
	SAS	Sep. 04	Sep. 04	Continuous	Peel Sound	
	RAS	Sep. 05	Sep. 05	Continuous	Barrow Strait	
	Shore Watch	Sep. 06	Sep. 08	08:00-21:00	10km west of Fort Ross	
	Shore Watch	Sep. 10	Sep. 12	08:00-21:00	10km west of Fort Ross	
	RAS	Sep. 10	Sep. 10	NS	Barrow Strait-Peel Sound-Franklin Strait-Bellot Strait-Prince Regent Inlet-Creswell Bay	
	RAS	Sep. 12	Sep. 12	NS	Barrow Strait-Peel Sound-Bellot Strait-Peel Sound-Barrow Strait	
	SAS	Sep. 12	Sep. 12	Continuous	Peel Sound	
	RAS	Sep. 15	Sep. 15	NS	Barrow Strait-Peel Sound-Bellot Strait-Prince Regent Inlet-Creswell Bay-Batty Bay-Elwin Bay-Barrow Strait	
	Shore Watch	Sep. 15	Sep. 23	08:00-21:00	10km west of Fort Ross	
	RAS	Sep. 19	Sep. 19	Continuous	Barrow Strait-Prince Regent Inlet	
	RAS	Sep. 20	Sep. 20	NS	Barrow Strait-Peel Sound-Franklin Strait-Bellot Strait-Peel Sound-Barrow Strait	
	SAS	Sep. 20	Sep. 20	Continuous	Peel Sound	
	RAS	Sep. 21	Sep. 21	Continuous	Barrow Strait-Radstock Bay-Maxwell Bay-Lancaster Sound	
	RAS	Sep. 24	Sep. 24	NS	Barrow Strait-Peel Sound-Bellot Strait-Peel Sound-Barrow Strait	
	RAS	Sep. 26	Sep. 26	Continuous	Barrow Strait	
	RAS	Sep. 30	Sep. 30	NS	Barrow Strait-Radstock Bay-Maxwell Bay-Barrow Strait-McDougall Sound-Barrow Strait	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
76-0114	NS	NS	NS	NS	Arctic Bay; Creswell Bay; Resolute Bay	Locations are the communities and camps where people were interviewed.
76-0115	NS	July 22	Aug. 03	NS	Creswell Bay; Cape Garry	Additional information on sampling methods, times, and/or locations is not readily available.
76-0116	NS	NS	NS	NS	Arctic Bay	Location is the community where information was obtained.
77-0015	Shore Watch	May 19	May 29	NS	North coast of Brentford Bay; location given on map 73°43'N, 95°20'W	
	Shore Watch	June 01	June 30	Continuous for 48-56 hours, then spot checks at 3- or 6-hour intervals for 24 hours when weather permitted		
	Shore Watch	Aug. 24	Sep. 04	NS	North coast of Brentford Bay; location given on map	
	RS by foot	Aug. 26	Aug. 26	13:55-17:30	Brentford Bay	
	RS by foot	Aug. 27	Aug. 27	14:00-19:50	Brentford Bay	
	RS by foot	Aug. 28	Aug. 28	12:30-16:45	Brentford Bay	
	RS by foot	Aug. 31	Aug. 31	13:00-16:30	Brentford Bay	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
77-0015 Cont'd	RVS	Sep. 01	Sep. 01	13:15-17:00	Brentford Bay	
	RVS	Sep. 02	Sep. 02	Continuous	Brentford Bay	
77-0016	Shore Watch	June 04	June 15	NS	Bridport Inlet	
	Shore Watch	July 01	July 15	NS	Bridport Inlet	
	RAS	July 03	July 03	Continuous	Byam Channel-Viscount Melville Sound -Skene Bay-Bridport Inlet-Winter Harbour	
	RAS	July 06	July 06	Continuous	Viscount Melville Sound	
	RAS	July 14	July 14	Continuous	Viscount Melville Sound	
	SAS	July 14	July 14	Continuous	Bridport Inlet	
	Shore Watch	July 31	Aug. 31	NS	Bridport Inlet	
	RAS	Aug. 22	Aug. 22	Continuous	Byam Channel-Viscount Melville Sound -Skene Bay-Bridport Inlet-Winter Harbour	
77-0113	RAS	July 18	July 18	NS	NS	Additional information on sampling times and/or locations is not readily available.
	RAS	July 19	July 19	NS	NS	
	RAS	July 27	July 27	NS	NS	
	RAS	July 28	July 28	NS	NS	
	RAS	Aug. 03	Aug. 03	NS	NS	
	RAS	Aug. 09	Aug. 09	NS	NS	
	RAS	Aug. 10	Aug. 10	NS	NS	
	Shore Watch	NS	NS	NS	Cunningham Inlet	
77-0114	NS	NS	NS	NS	Arctic Bay; Resolute Bay	Locations are the communities where people were interviewed.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
77-0115	RVS	May ?	May ?	NS	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
77-0116	RAS	Mar. ?	June ?	NS	Brentford Bay; Franklin Strait; Gulf of Boothia; Larsen Sound; Lord Mayor Bay; Victoria Strait	Additional information on sampling times and/or locations is not readily available.
78-0106	RAS	Mar. 15	Mar. 16	NS	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
	RAS	Apr. 18	Apr. 18	Continuous	Lancaster Sound	
	RAS	Apr. 20	Apr. 20	Continuous	Lancaster Sound	
78-0107	RAS	Mar. ?	June ?	NS	Gulf of Boothia; Lord Mayor Bay; Pelly Bay; Thom Bay	Additional information on sampling times and/or locations is not readily available.
78-0108	SAS	May 04	May 07	NS	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
	RAS	May 04	May 07	NS	Lancaster Sound	
	SAS	May 08	May 14	NS	Lancaster Sound	
	RAS	May 08	May 14	NS	Lancaster Sound	
	SAS	May 15	May 18	NS	Lancaster Sound	
	RAS	May 15	May 18	NS	Lancaster Sound	
	SAS	May 22	May 24	NS	Lancaster Sound	
	RAS	May 22	May 24	NS	Lancaster Sound	
	SAS	May 29	June 02	NS	Lancaster Sound	
	RAS	May 29	June 02	NS	Lancaster Sound	
	SAS	June 08	June 10	NS	Lancaster Sound	
	RAS	June 08	June 10	NS	Lancaster Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
78-0108 Cont'd	SAS	June 12	June 16	NS	Lancaster Sound	
	RAS	June 12	June 16	NS	Lancaster Sound	
	SAS	June 19	June 23	NS	Lancaster Sound	
	RAS	June 19	June 23	NS	Lancaster Sound	
	SAS	June 26	June 30	NS	Lancaster Sound	
	RAS	June 26	June 30	NS	Lancaster Sound	
	SAS	July 03	July 08	NS	Lancaster Sound	
	RAS	July 03	July 08	NS	Lancaster Sound	
	SAS	July 10	July 11	NS	Lancaster Sound	
	RAS	July 10	July 11	NS	Lancaster Sound	
	SAS	July 18	July 18	Continuous	Lancaster Sound	
	RAS	July 19	July 19	Continuous	Lancaster Sound	
	SAS	July 21	July 26	NS	Lancaster Sound	
	RAS	July 21	July 26	NS	Lancaster Sound	
	Shore Watch	July 28	Aug. 09	Continuous during specified time periods	8km west of Cape Hay	
	SAS	July 28	Aug. 02	NS	Lancaster Sound	
	RAS	July 28	Aug. 02	NS	Lancaster Sound	
	SAS	Aug. 11	Aug. 15	NS	Lancaster Sound	
	RAS	Aug. 11	Aug. 15	NS	Lancaster Sound	
	SAS	Aug. 21	Aug. 25	NS	Lancaster Sound	
	RAS	Aug. 21	Aug. 25	NS	Lancaster Sound	
	SAS	Aug. 24	Aug. 24	Continuous	Admiralty Inlet; Strathcona Sound	
	SAS	Aug. 26	Aug. 30	NS	Lancaster Sound	
	RAS	Aug. 26	Aug. 30	NS	Lancaster Sound	
	SAS	Sep. 03	Sep. 09	NS	Lancaster Sound	
	RAS	Sep. 03	Sep. 09	NS	Lancaster Sound	
	SAS	Sep. 10	Sep. 14	NS	Lancaster Sound	
	RAS	Sep. 10	Sep. 14	NS	Lancaster Sound	
	RAS	Sep. 13	Sep. 13	Continuous	Lancaster Sound-Dundas Harbour-Croker Bay-Cuming Inlet-Powell Inlet-Burnett Inlet-Stratton Inlet-Hobhouse Inlet-Maxwell Bay-Radstock Bay-Gascoyne Inlet-Lancaster Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
78-0108 Cont'd	RAS	Sep. 14	Sep. 14	Continuous	Lancaster Sound-Dundas Harbour-Croker Bay-Cuming Inlet-Powell Inlet-Burnett Inlet-Stratton Inlet-Hobhouse Inlet-Maxwell Bay-Radstock Bay-Gascoyne Inlet-Lancaster Sound	
	SAS	Sep. 18	Sep. 22	NS	Lancaster Sound	
	RAS	Sep. 18	Sep. 22	NS	Lancaster Sound	
	SAS	Sep. 23	Sep. 27	NS	Lancaster Sound	
	RAS	Sep. 23	Sep. 27	NS	Lancaster Sound	
	RAS	Sep. 29	Sep. 29	Continuous	Lancaster Sound-Croker Bay-Lancaster Sound	
	SAS	Sep. 30	Oct. 04	NS	Lancaster Sound	
	RAS	Sep. 30	Oct. 04	NS	Lancaster Sound	
	SAS	Oct. 07	Oct. 10	NS	Lancaster Sound	
	RAS	Oct. 07	Oct. 10	NS	Lancaster Sound	
78-0109	NS	NS	NS	NS	Arctic Bay; Creswell Bay; Pelly Bay; Resolute Bay; Spence Bay	Locations are the communities and camps where people were interviewed.
78-0110	RAS	July 27	July 28	Put down at Creswell Bay	Resolute Bay-Creswell Bay	Additional information on sampling times and/or locations is not readily available.
	RAS	July 31	July 31	Continuous	Creswell Bay(?)-Russell Island-Barrow Strait-Resolute Bay	
	RAS	Aug. 01	Aug. 01	Continuous	Resolute Bay-Pond Inlet	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
79-0067	SAS	May 09	May 09	Continuous	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
	RAS	May 09	May 09	Continuous	Lancaster Sound	
	SAS	May 12	May 15	NS	Lancaster Sound	
	RAS	May 12	May 15	NS	Lancaster Sound	
	SAS	May 17	May 22	NS	Lancaster Sound	
	RAS	May 17	May 22	NS	Lancaster Sound	
	SAS	May 24	May 25	NS	Lancaster Sound	
	SAS	June 01	June 01	Continuous	Lancaster Sound	
	RAS	June 01	June 01	Continuous	Lancaster Sound	
	SAS	June 10	June 14	NS	Lancaster Sound	
	RAS	June 10	June 14	NS	Lancaster Sound	
	SAS	June 19	June 23	NS	Lancaster Sound	
	RAS	June 19	June 23	NS	Lancaster Sound	
	SAS	June 28	July 02	NS	Lancaster Sound	
	RAS	June 28	July 02	NS	Lancaster Sound	
	SAS	July 09	July 15	NS	Lancaster Sound	
	RAS	July 09	July 15	NS	Lancaster Sound	
	RAS	July 22	July 22	Continuous	Lancaster Sound-Croker Bay-Lancaster Sound	
79-0109	Shore Watch	June 25	June 27	Total hours per day given	73°45'N, 80°25'W	
	Shore Watch	June 29	July 13	Total hours per day given; 24 hours per day for July 01, 02, 03, 07, 08, 12 and 13	73°45'N, 80°25'W	
	Shore Watch	July 21	July 21	Two hours	73°45'N, 80°25'W	
	Shore Watch	July 31	July 31	Five hours	73°45'N, 80°25'W	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
79-0110	SAS	Sep. 11	Sep. 13	NS	Admiralty Inlet; Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
	RAS	Sep. 11	Sep. 13	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 18	Sep. 21	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 18	Sep. 21	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	RAS	Sep. 19	Sep. 19	Continuous	Barrow Strait; Lancaster Sound	
	RAS	Sep. 20	Sep. 20	Continuous	Barrow Strait; Lancaster Sound	
	SAS	Sep. 24	Sep. 26	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 24	Sep. 26	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 28	Sep. 29	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 28	Sep. 29	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	RAS	Oct. 01	Oct. 01	Continuous	Lancaster Sound	
	RAS	Oct. 02	Oct. 02	Continuous	Lancaster Sound	
	SAS	Oct. 04	Oct. 05	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Oct. 04	Oct. 05	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Oct. 16	Oct. 17	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Oct. 16	Oct. 17	NS	Lancaster Sound	
79-0111	SAS	Aug. 17	Aug. 17	Continuous	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
	RAS	Aug. 17	Aug. 17	NS	Barrow Strait; Peel Sound	
	RAS	Aug. 17	Aug. 18	NS	Creswell Bay; Prince Regent Inlet	
	RAS	Aug. 17	Aug. 20	NS	Barrow Strait; Cunningham Inlet; Peel Sound; Radstock Bay	
	SAS	Aug. 18	Aug. 18	Continuous	Prince Regent Inlet	
	SAS	Aug. 18	Aug. 18	Continuous	Barrow Strait	
	RAS	Aug. 20	Aug. 20	Continuous	Barrow Strait; Maxwell Bay	
	SAS	Aug. 30	Aug. 30	Continuous	Bernier Bay; Gulf of Boothia	
	RAS	Aug. 30	Aug. 30	Continuous	Barrow Strait	
	RAS	Aug. 30	Sep. 04	NS	Autridge Bay; Bernier Bay; Creswell Bay; Fury and Hecla Strait; Gulf of Boothia	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
79-0111 Cont'd	RAS	Sep. 03	Sep. 03	Continuous	Barrow Strait; Lancaster Sound	
	SAS	Sep. 03	Sep. 03	Continuous	Admiralty Inlet	
	RAS	Sep. 03	Sep. 03	Continuous	Adams Sound; Admiralty Inlet; Baillarge Bay; Strathcona Sound	
	SAS	Sep. 04	Sep. 04	Continuous	Prince Regent Inlet	
	SAS	Sep. 04	Sep. 04	Continuous	Barrow Strait	
	RAS	Sep. 04	Sep. 04	Continuous	Barrow Strait	
79-0112	HI	NS	NS	NS	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	Locations are the communities and camps where hunters were interviewed.
79-0113	NS	Oct. 09	Oct. 17	NS	70°18'N, 86°30'W	Location is where whales were trapped by ice.
80-0024	SAS	June 21	June 21	Continuous	Prince of Wales Strait; Viscount Melville Sound	
	SAS	June 22	June 22	Continuous	Hadley Bay; Viscount Melville Sound	
	SAS	June 23	June 23	Continuous	Liddon Gulf; M'Clure Strait; Viscount Melville Sound	
	SAS	June 24	June 24	Continuous	M'Clintock Channel; Viscount Melville Sound	
	SAS	June 25	June 25	Continuous	M'Clintock Channel; Viscount Melville Sound	
	SAS	July 01	July 01	Continuous	Barrow Strait; Peel Sound	
	SAS	July 02	July 02	Continuous	Barrow Strait	
	SAS	July 03	July 03	Continuous	Baring Channel; Barrow Strait; Peel Sound	
	SAS	July 05	July 05	Continuous	Barrow Strait	
	SAS	July 07	July 07	Continuous	Prince of Wales Strait; M'Clure Strait	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
80-0030	RAS	Aug. 12	Aug. 12	Continuous	Prince of Wales Strait-M'Clure Strait-Viscount Melville Sound	
	RAS	Aug. 13	Aug. 13	Continuous	Viscount Melville Sound-Richard Collinson Inlet-Prince of Wales Strait	
80-0103	RAS	July 30	July 30	Continuous	NS	Additional information on sampling times and/or locations is not readily available.
	RAS	July 31	July 31	Continuous	NS	
	RAS	Aug. 08	Aug. 08	Continuous	NS	
	Shore Watch	NS	NS	NS	Cunningham Inlet	
80-0104	HI	NS	NS	NS	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	Locations are the communities and camps where hunters were interviewed.
81-0024	SAS	June 22	June 22	Continuous	M'Clure Strait; Prince of Wales Strait	
	SAS	June 25	June 25	Continuous	Viscount Melville Sound	
	SAS	June 26	June 26	Continuous	M'Clintock Channel; Viscount Melville Sound	
	SAS	June 27	June 27	Continuous	Liddon Gulf; M'Clure Strait; Prince of Wales Strait; Viscount Melville Sound	
	SAS	June 29	June 29	Continuous	Viscount Melville Sound	
	SAS	July 03	July 03	Continuous	Baring Channel; Barrow Strait	
	SAS	July 04	July 04	Continuous	Barrow Strait; Peel Sound	
	SAS	July 05	July 05	Continuous	Barrow Strait	
	SAS	July 06	July 06	Continuous	Barrow Strait	
	SAS	July 07	July 07	Continuous	Barrow Strait	
	SAS	July 09	July 09	Continuous	Barrow Strait	
	SAS	July 10	July 10	Continuous	Hadley Bay; Viscount Melville Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
81-0100	RAS	May 29	May 29	Continuous	Lancaster Sound	Additional information on sampling times and/or locations is not readily available.
	RAS	June 05	June 05	Continuous	Lancaster Sound	
	RAS	June 07	June 07	Continuous	Lancaster Sound	
	RAS	June 09	June 09	Continuous	Lancaster Sound	
	RAS	June 20	June 20	Continuous	Lancaster Sound	
	RAS	July 03	July 03	Continuous	Lancaster Sound?	
	SAS	July 05	July 05	Continuous	Prince Regent Inlet	Dates for systematic surveys given in Methods do not correspond to dates given in Table 1. Dates in Table 1 listed here.
	SAS	July 08	July 08	Continuous	Lancaster Sound	
	SAS	July 14	July 14	Continuous	Barrow Strait; Cunningham Inlet; Garnier Bay; Prince Regent Inlet; Radstock Bay	
	SAS	Aug. 06	Aug. 06	Continuous	Burnett Inlet; Lancaster Sound	
	SAS	Aug. 10	Aug. 10	Continuous	Prince Regent Inlet	
	SAS	Aug. 14	Aug. 14	Continuous	Barrow Strait; Cunningham Inlet; Garnier Bay; Prince Regent Inlet; Radstock Bay	
	RAS	Aug. 14	Aug. 14	Continuous	NS	
	Shore Watch	NS	NS	NS	Cunningham Inlet	
82-0011	SAS	July 01	July 01	Continuous	Barrow Strait	
	SAS	July 02	July 02	Continuous	Barrow Strait	
	SAS	July 03	July 03	Continuous	Barrow Strait	
82-0098	RAS	June ?	June ?	NS	Lancaster Sound	Information from a June flight indicated in Table 2; no flight indicated in Methods.
	RAS	July 04	July 14	Continuous	Barrow Strait; Bellot Strait; Creswell Bay; Lancaster Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet	Additional information on sampling times and/or locations is not readily available.
	Shore Watch	June ?	Aug. ?	NS	Cunningham Inlet	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
82-0104	Ice Watch	June 26	June 30	Continuous during specified time periods	Along Admiralty Inlet ice edge; location given on map	
	RAS	June 27	June 27	21:37-22:02	Admiralty Inlet	
	RAS	June 29	June 29	20:51-22:05	Admiralty Inlet-Lancaster Sound-Admiralty Inlet	
	RAS	June 30	June 30	20:30-22:07	Admiralty Inlet-Lancaster Sound-Admiralty Inlet	
	RAS	July 04	July 04	Continuous	Strathcona Sound-Admiralty Inlet	
83-0048	Ice Watch	Aug. 08	Aug. 08	NS	Admiralty Inlet	Additional information on sampling times and/or locations is not readily available.
	NS	Aug. 19	Aug. 19	NS	Admiralty Inlet	
	Shore Watch	Aug. ?	Sep. ?	NS	Admiralty Inlet	
83-0049	SAS	Aug. ?	Aug. ?	NS	Prince Regent Inlet	Additional information on sampling times and/or locations is not readily available.
83-0050	Shore Watch	July 11	July 30	Continuous when whales in area; one scan/hour to detect if whales present	73°27'N, 84°07'W	
	Shore Watch	Aug. 04	Aug. 15	Continuous	72°50'N, 86°42'W	
	SAS	Aug. 17	Aug. 17	Continuous	Adams Sound; Admiralty Inlet	
	SAS	Aug. 18	Aug. 18	Continuous	Adams Sound; Admiralty Inlet; Lancaster Sound; Strathcona Sound	
	RAS	Aug. 18	Aug. 18	Continuous	Lancaster Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED START	STOP	INTERVAL	GEOGRAPHIC LOCATION	REMARKS
83-0052	Shore Watch	June ?	Aug. ?	Continuous	Cunningham Inlet	Additional information on sampling times and/or locations is not readily available.
	RAS	NS	NS	NS	Aston Bay; Barrow Strait; Bellot Strait; Creswell Bay; Cunningham Inlet; Lancaster Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay	
83-0055	RAS	June 17	June 17	13:47-15:03	Lancaster Sound	
	RAS	June 19	June 19	Continuous	Lancaster Sound	
	RAS	June 20	June 20	Continuous	Lancaster Sound	
	RAS	June 21	June 21	19:38-20:11	Lancaster Sound	
	Ice Watch	June 21	June 22	Continuous during specified time periods	Lancaster Sound; location given on map	
	Ice Watch	June 23	June 24	Continuous during specified time periods	Lancaster Sound; location given on map	
	RAS	June 23	June 23	10:37-11:38	Lancaster Sound	
	Ice Watch	June 25	June 26	Continuous during specified time periods	Lancaster Sound; location given on map	
	RAS	June 25	June 25	10:59-11:49	Lancaster Sound	
	RAS	June 25	June 25	19:24-20:24	Lancaster Sound	
	RAS	June 26	June 26	09:22-10:57	Lancaster Sound	
	RAS	June 26	June 26	14:28-16:50	Lancaster Sound	
	Ice Watch	June 27	July 02	Continuous during specified time periods	Lancaster Sound; location given on map	
	RAS	June 27	June 27	11:29-12:28	Lancaster Sound	
	RAS	June 29	June 29	15:43-16:55	Lancaster Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
83-0055 Cont'd	RAS	June 30	June 30	12:42-13:45	Lancaster Sound	
	RAS	July 01	July 01	12:35-14:25	Lancaster Sound	
	RAS	July 02	July 02	11:17-12:28	Lancaster Sound	
	Ice Watch	July 03	July 04	Continuous during specified time periods	Lancaster Sound; location given on map	
	RAS	July 03	July 03	10:55-12:45	Lancaster Sound	
	RAS	July 06	July 06	16:28-18:25	Lancaster Sound	
	RAS	July 07	July 07	10:13-12:04	Lancaster Sound	
	RAS	July 08	July 08	Continuous	Lancaster Sound	
	RAS	July 10	July 10	Stopped at Cape Charles Yorke	Lancaster Sound	
84-0004	HI	Aug. 29	Sep. 19	NS	Resolute Bay	Location is the community where hunters were interviewed.
84-0024	SAS	June 24	June 24	Continuous	Barrow Strait	
	SAS	June 25	June 25	Continuous	Barrow Strait	
	SAS	June 26	June 26	Continuous	Barrow Strait	
84-0025	SAS	Aug. ?	Sep. ?	NS	Peel Sound; Prince Regent Inlet	Additional information on sampling times and/or locations is not readily available.

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
84-0026	Shore Watch	July 08	July 30	Continuous when whales in area; one scan/hour to detect if whales present	73°39.5'N, 85°01'W	
	Shore Watch	Aug. 09	Aug. 11	Continuous	72°46'N, 86°33'W	
	SAS	Aug. 21	Aug. 21	Continuous	Admiralty Inlet	
	SAS	Aug. 22	Aug. 22	Continuous	Adams Sound; Moffet Inlet; Strathcona Sound	
	RAS	Aug. 22	Aug. 22	Continuous	Admiralty Inlet	
	SAS	Aug. 23	Aug. 23	Continuous	Admiralty Inlet	
84-0027	Shore Watch	June ?	Aug. ?	Continuous	Cunningham Inlet	Additional information on sampling times and/or locations is not readily available.
	RAS	NS	NS	NS	Aston Bay; Barrow Strait; Bellot Strait; Creswell Bay; Cunningham Inlet; Lancaster Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay	
84-0028	RAS	Aug. 07	Sep. 06	NS	Admiralty Inlet; Lancaster Sound; Prince Regent Inlet	Additional information on sampling times and/or locations is not readily available.
	RVS	Aug. 13	Sep. 06	NS	Arctic Bay	
	RAS	Aug. 26	Aug. 29	NS	Admiralty Inlet	
84-0031	RAS	June 27	June 27	11:30-NS	Lancaster Sound	
	SAS	June 27	June 27	NS-14:15	Lancaster Sound	
	RAS	June 28	June 28	08:00-NS	Lancaster Sound	
	SAS	June 28	June 28	NS-10:00	Lancaster Sound	
	RAS	June 28	June 28	16:00-NS	Lancaster Sound	
	SAS	June 28	June 28	NS-18:00	Lancaster Sound	

DATA SET I.D.	SURVEY TYPE	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
84-0031 Cont'd	RAS	June 29	June 29	08:10-NS	Lancaster Sound	
	SAS	June 29	June 29	NS-10:15	Lancaster Sound	
	SAS	June 29	June 29	18:30-NS	Lancaster Sound	
	RAS	June 29	June 29	NS-20:30	Lancaster Sound	
	RAS	July 01	July 01	15:20-NS	Lancaster Sound	
	SAS	July 01	July 01	NS-17:20	Lancaster Sound	
	RAS	July 02	July 02	08:10-NS	Lancaster Sound	
	SAS	July 02	July 02	NS-10:00	Lancaster Sound	

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Volume

2

ARCTIC DATA COMPILATION AND APPRAISAL

VOLUME 13 – PART 2

Northwest Passage: Biological Oceanography – Whales

1820 to 1984

by

P. Norton[1], L. de March[2] and B.D. Smiley[3]

[1]P.N. Research Projects
Edmonton, Alta.

[2]Freshwater Institute
Department of Fisheries and Oceans
Winnipeg, Man.

and

[3]Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, B.C.

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CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES NO. 5

Fisheries and Oceans
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Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES
NO. 5

1987

ARCTIC DATA COMPILATION AND APPRAISAL

VOLUME 13 - PART 2

NORTHWEST PASSAGE: BIOLOGICAL OCEANOGRAPHY - WHALES

1820 to 1984

by

P. Norton[1], L. de March[2] and B.D. Smiley[3]

[1]P.N. Research Projects
Edmonton, Alta

[2]Freshwater Institute
Department of Fisheries and Oceans
Winnipeg, Man

and

[3]Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, BC

Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, B.C.
V8L 4B2

PREFACE

These catalogues are produced by the Data Assessment Division at the Institute of Ocean Sciences and the Regulatory and Native Affairs Division at the Freshwater Institute. Joint government and industry contract projects have catalogued marine data sets, their focus being mainly on oceanography and fisheries. Data quality appraisals are included to assist in establishing the usefulness of given data for particular analyses or purposes. The ratings also determine the confidence that can be placed on interpretations incorporating those data.

The appraisals will assist in establishing priorities for incorporating the most useful data in the national Marine Environmental Data Service (MEDS) archives. Additional uses of the catalogues include the provision of the best available resume of marine data sources for research planning, environmental assessments, land use planning, regulatory approvals and operational procedures.

In the past, the pace of offshore development activity has emphasized the need to review the sufficiency and suitability of available scientific information for design, regulatory and planning purposes. The review is a three-stage process: 1) compilation and appraisal of the existing data sets; 2) analysis of the suitability of existing data sets for contributing answers to questions of concern; and, 3) analysis and interpretation of data and estimation of scientific confidence in the answer to the particular question. This whale catalogue for the Northwest Passage represents part of the results of the first stage.

Brian Smiley and Larry de March
Scientific Editors
Arctic Data Compilation and Appraisal
Series

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ABSTRACT

Norton, P., L. de March and B.D. Smiley. 1987. Arctic Data Compilation and Appraisal. Volume 13. Northwest Passage: Biological Oceanography-Whales, 1820 to 1984. Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 13, Part 1, 244 p., Part 2, 487 p.).

This volume is one of a group of catalogues designed to compile and appraise marine data sets for the Canadian Arctic. For user convenience, the group has been organized with its subject matter divided into three general disciplines: physics, chemistry and biology. The Arctic has been arbitrarily divided into seven geographical areas incorporating, where possible, major oceanographic regions. The format throughout has been structured to facilitate comparison among subjects and regions. With such a large undertaking, it is not possible to provide all reports at once. Therefore, catalogues which are presently available in the series are indicated on the inside back cover of each volume.

Data collection is a continuing process and further updates of the catalogues are planned. Readers are requested to submit corrections and additions by writing the issuing establishment. Such corrections will be incorporated in on-line computerized data set listings and will be continuously available upon request.

SOMMAIRE

Norton, P., L. de March and B.D. Smiley. 1987. Arctic Data Compilation and Appraisal. Volume 13. Northwest Passage: Biological Oceanography-Whales, 1820 to 1984. Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 13, Part 1, 244 p., Part 2, 487 p.).

Le présent volume fait partie d'un groupe de catalogues destinés à compiler et à évaluer lés séries de données marines sur l'Arctique canadien. Pour plus de commodité, la question traitée est structurée en trois grandes disciplines: physique, chimie et biologie. L'Arctique a été divisé arbitrairement en sept régions géographiques qui englobent autant que possible les grandes régions océanographiques. Les catalogues sont présentés de façon à faciliter la comparaison entre les sujets et les régions. Le domaine est si vaste qui'il est impossible de fournir tous les catalogues en une seule fois. Les catalogues de la série actuellement disponibles sont indiqués à la fin de chaque volume à l'interieur de la couverture.

La collecte des données est un processus permanent et il est prévu de mettre à jour les catalogues par la suite. Les lecteurs sont invités à soumettre par écrit les corrections et les additions à l'établissement auteur. Ces corrections seront traitées en direct sur ordinateur et incorporées aux listages qui pourront être obtenus sur demande.

ACKNOWLEDGEMENTS

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Funds for this work were provided by NOGAP (Northern Oil and Gas Action Plan), Dept. of Indian Affairs and Northern Development, and Dept. of Fisheries and Oceans.

ARCTIC DATA COMPILATION AND APPRAISAL

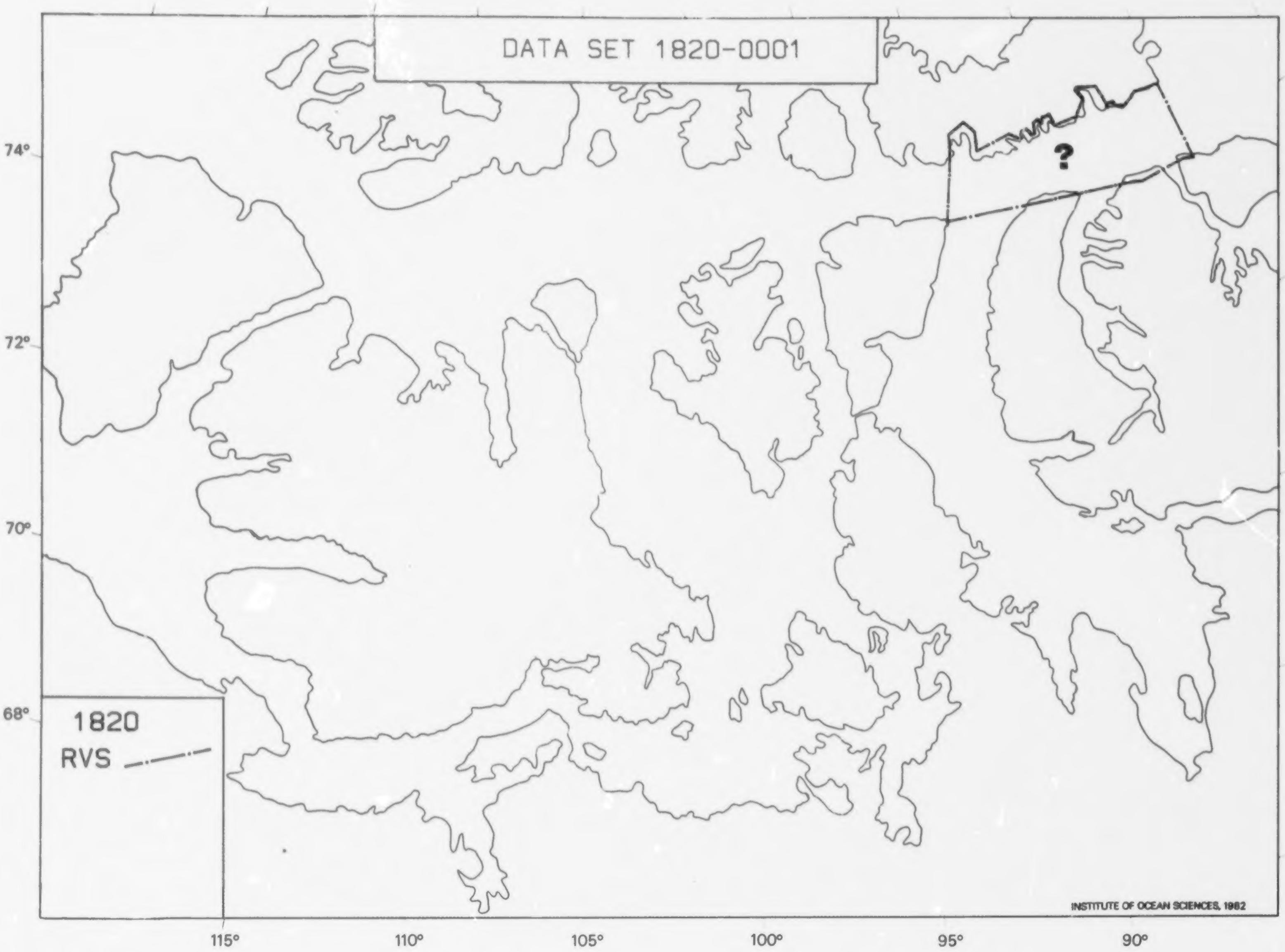
VOLUME 13 - PART 2

NORTHWEST PASSAGE: BIOLOGICAL OCEANOGRAPHY - WHALES

1820 to 1984

9. MAPS

Survey coverage maps are organized chronologically, by year (I.D. numbers) and bimonthly intervals, starting with January-February. Separate maps are used for different types of surveys. Summary maps, showing all the survey locations for all the time intervals, are included for data sets with more than one map.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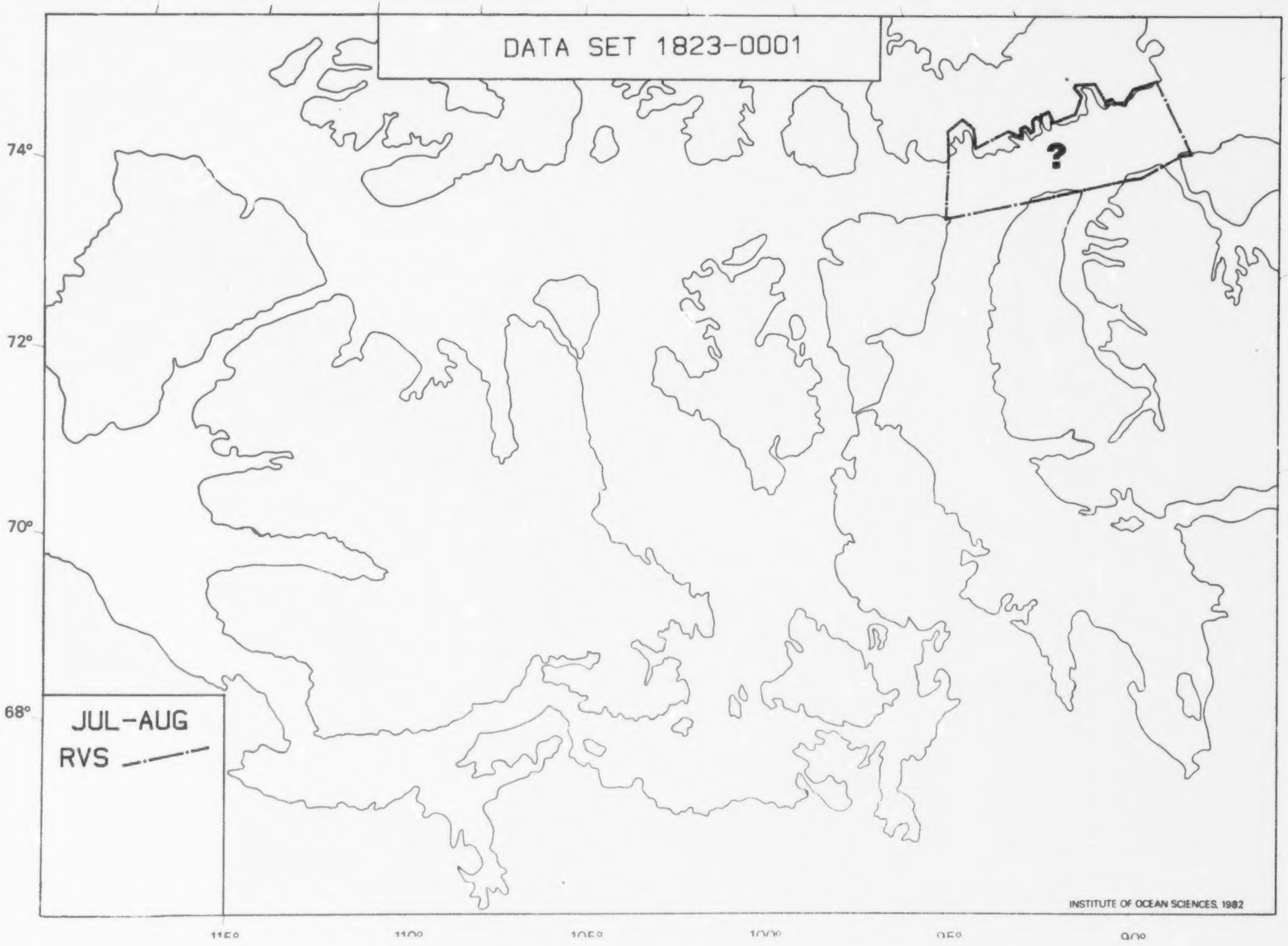
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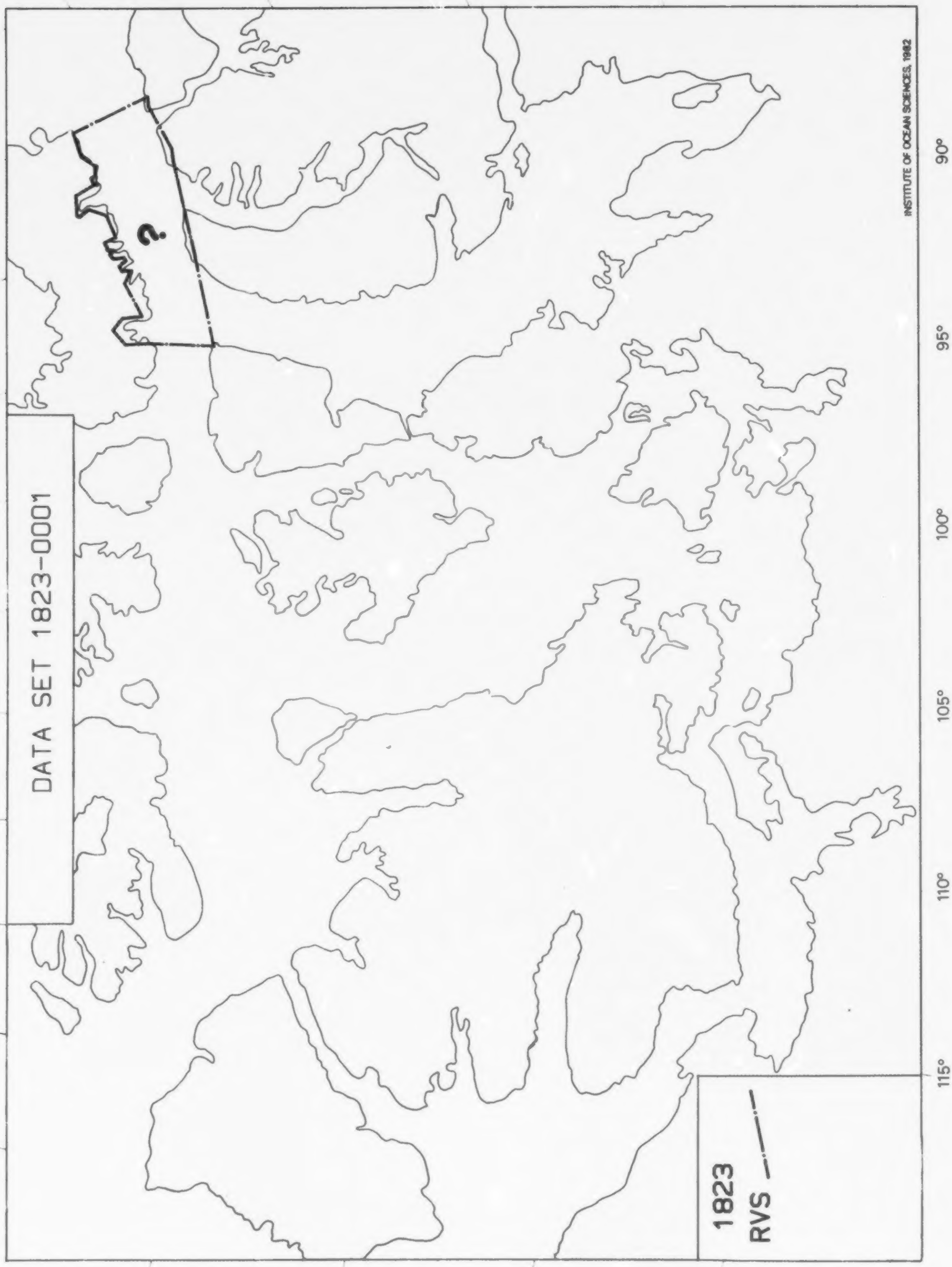
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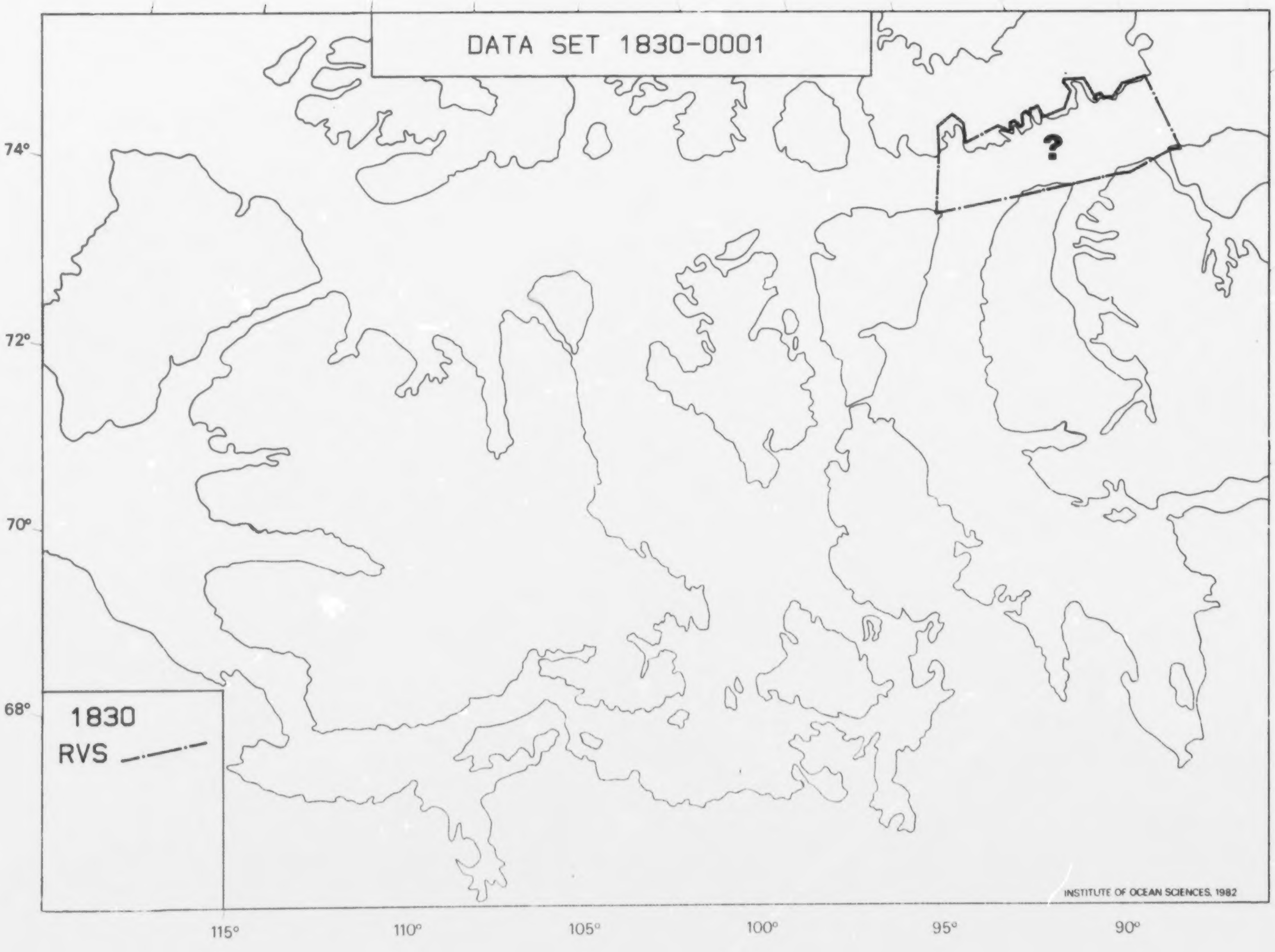
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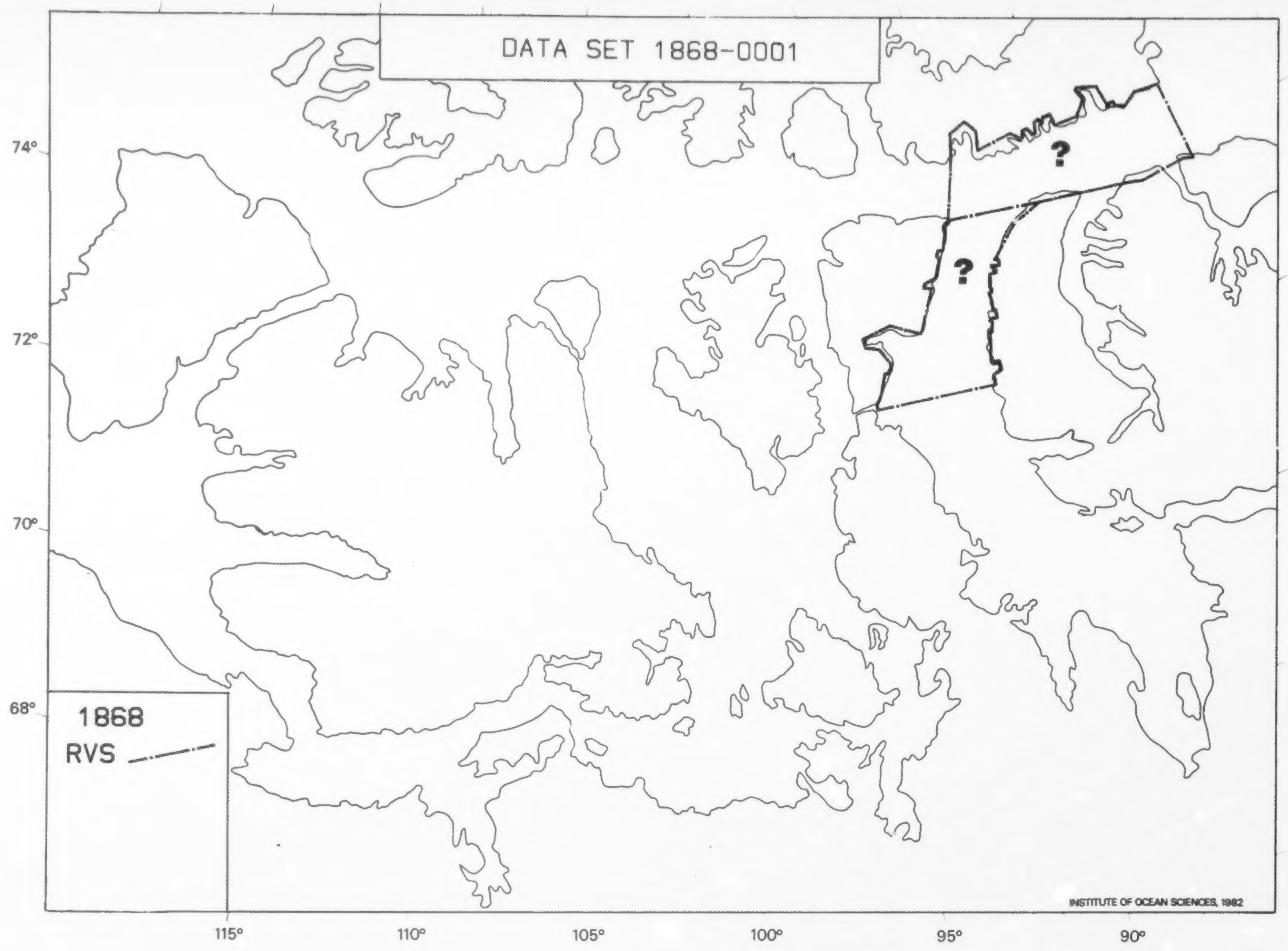
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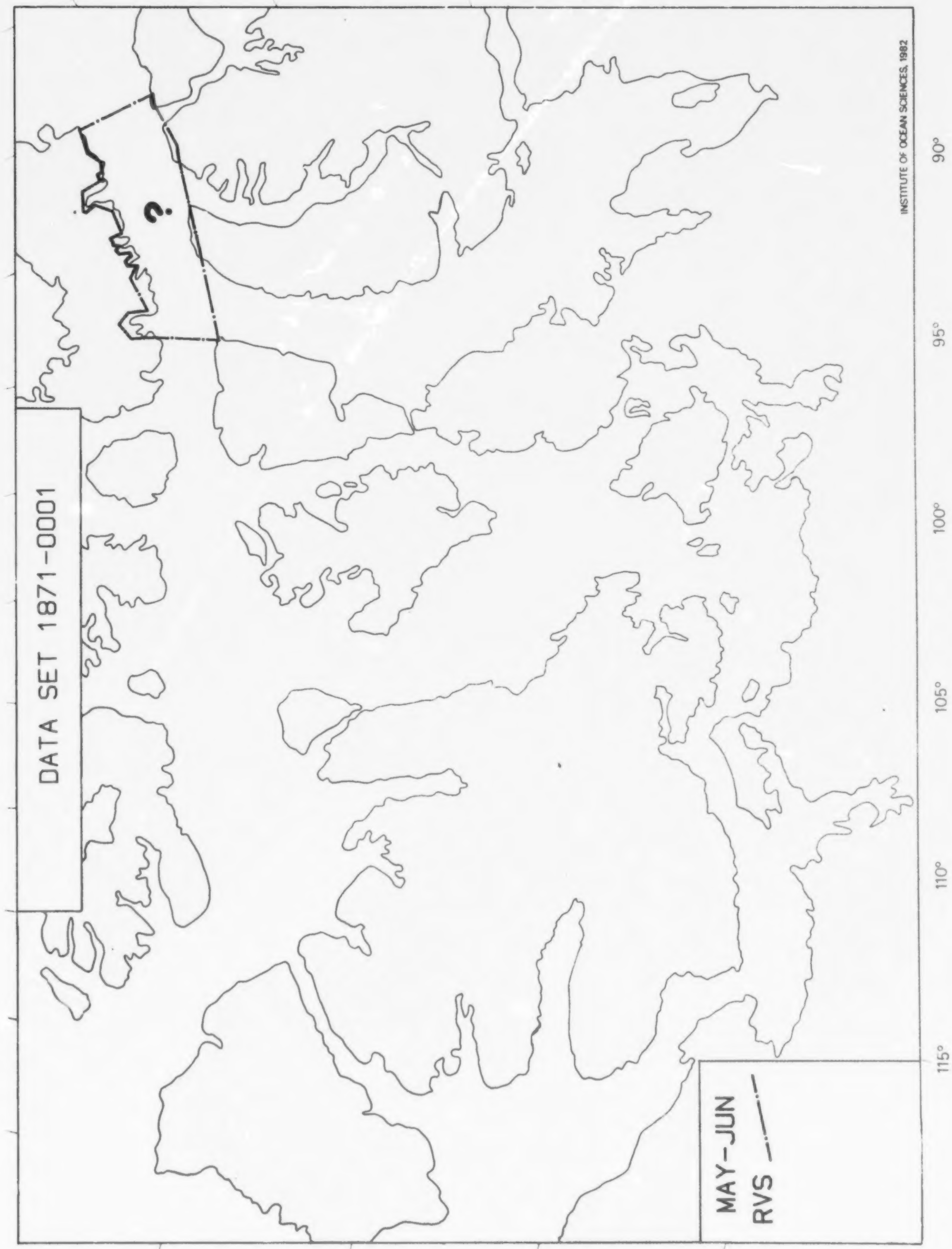
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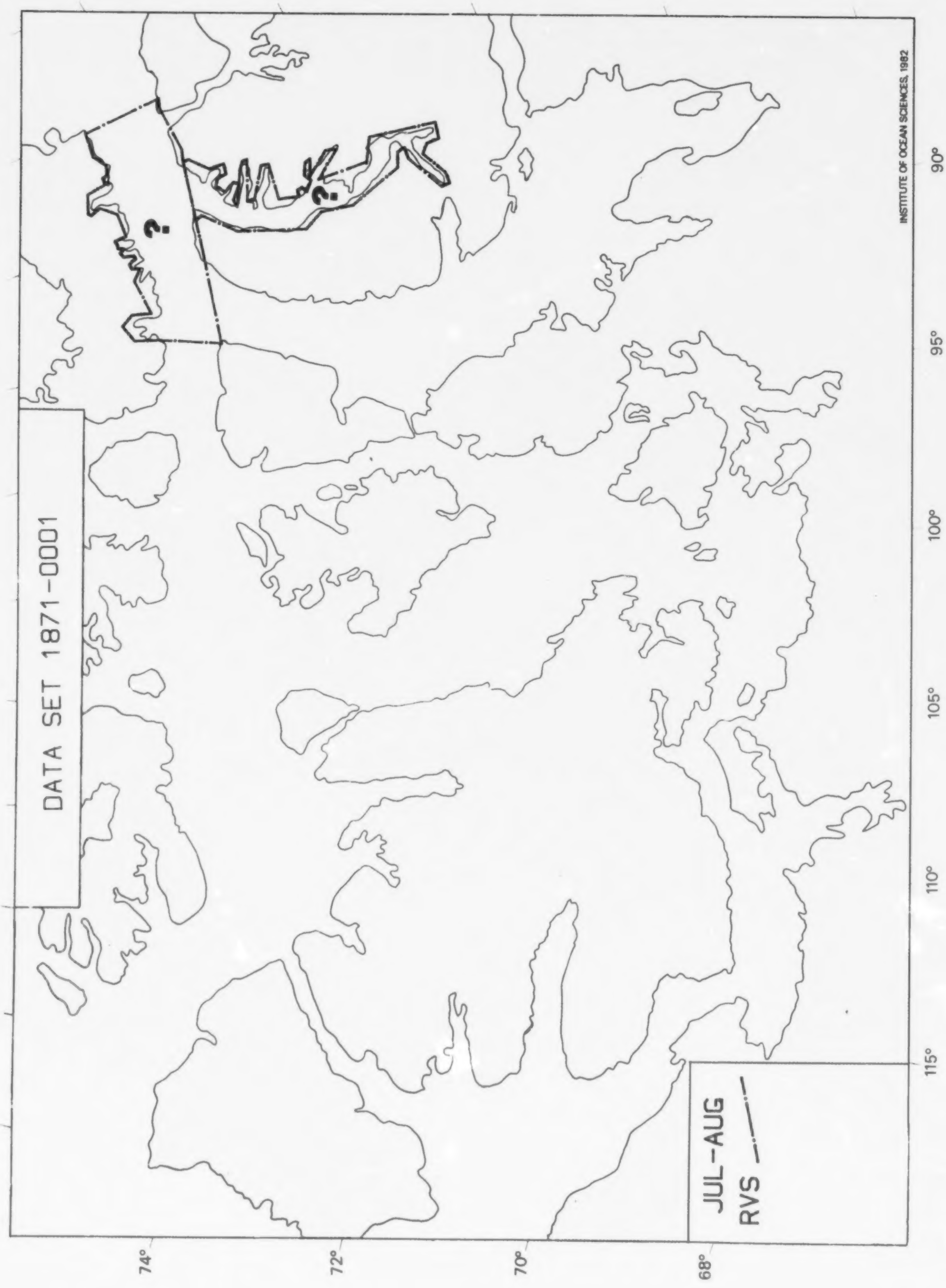
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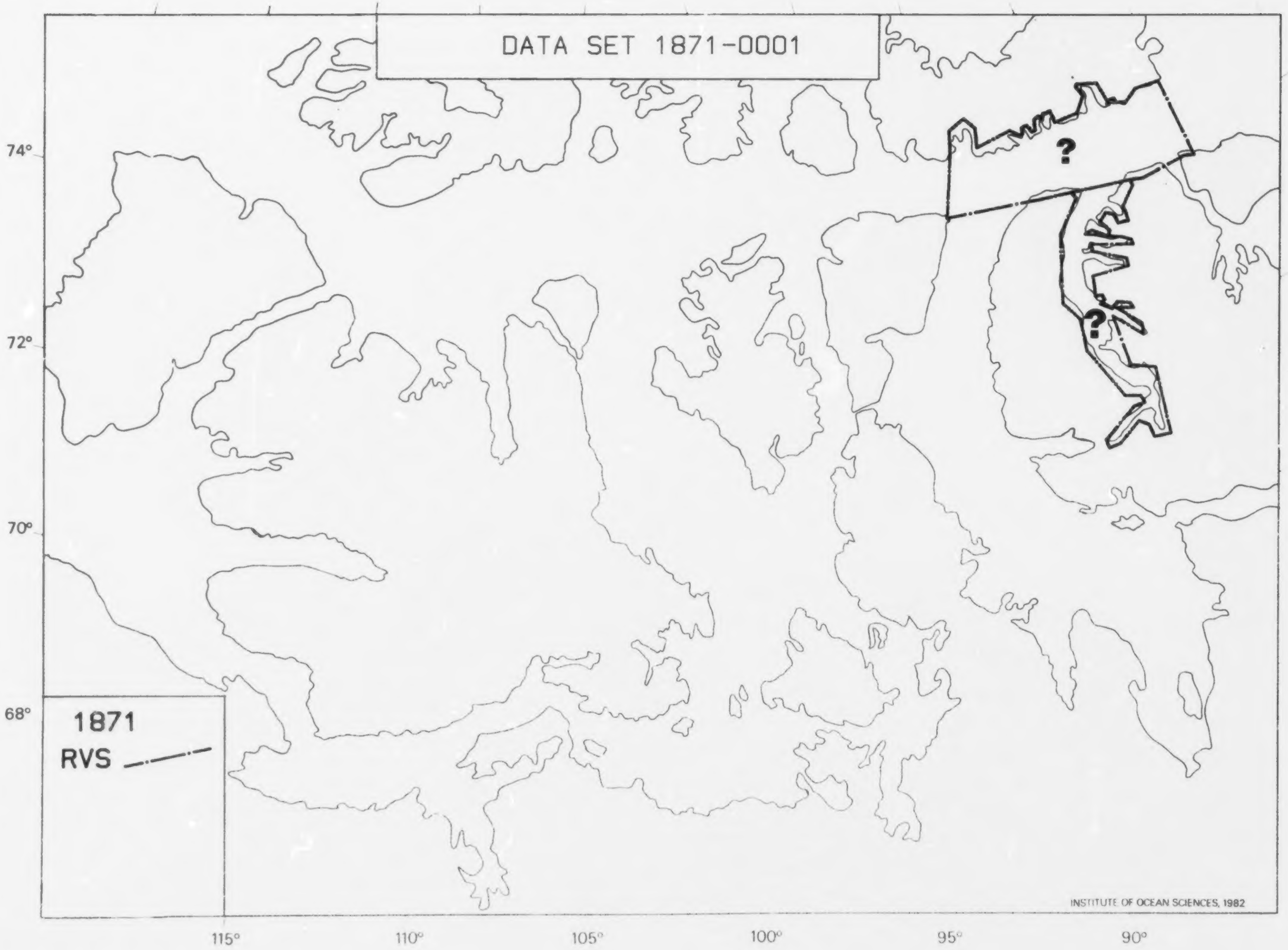
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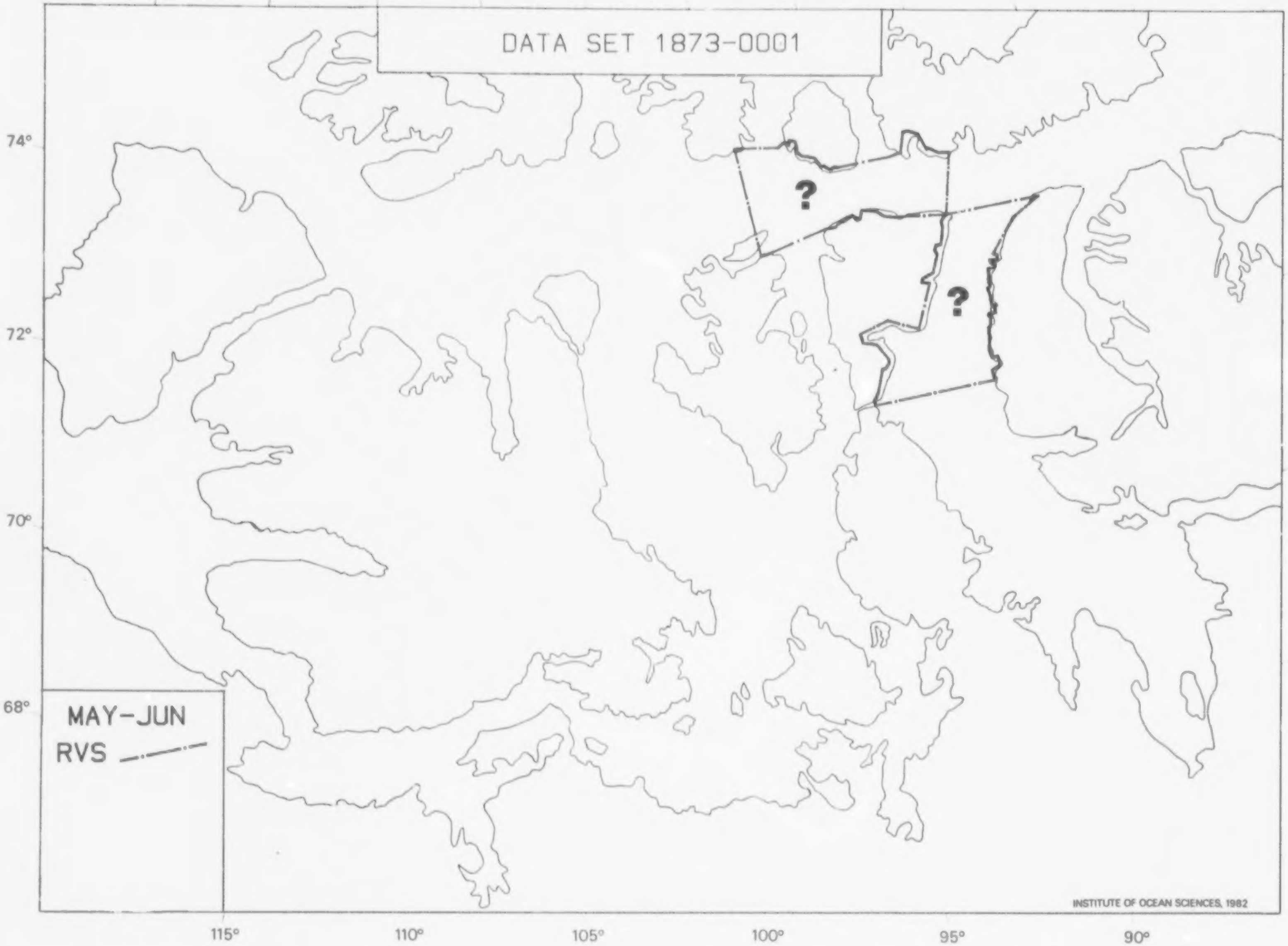

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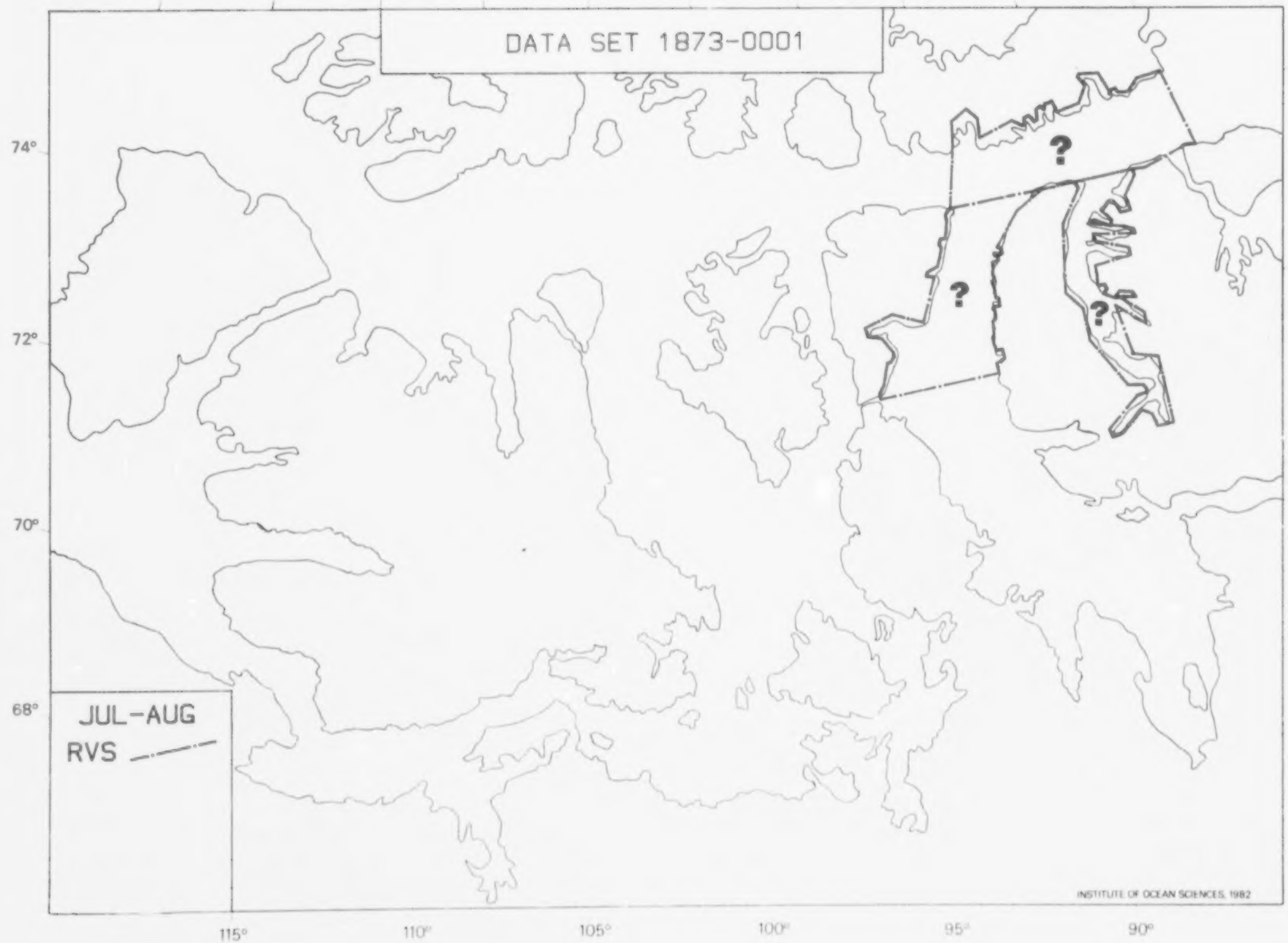
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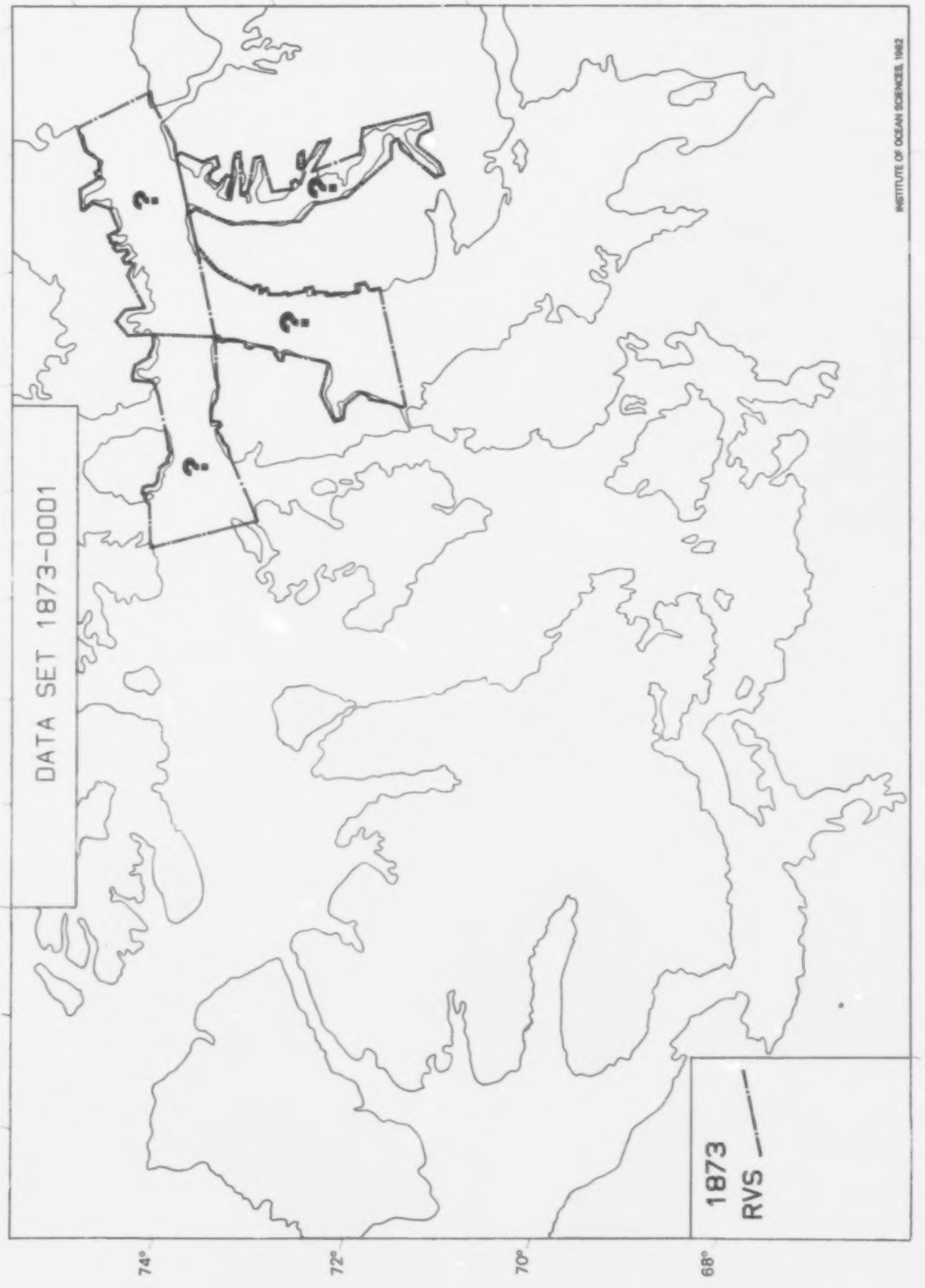
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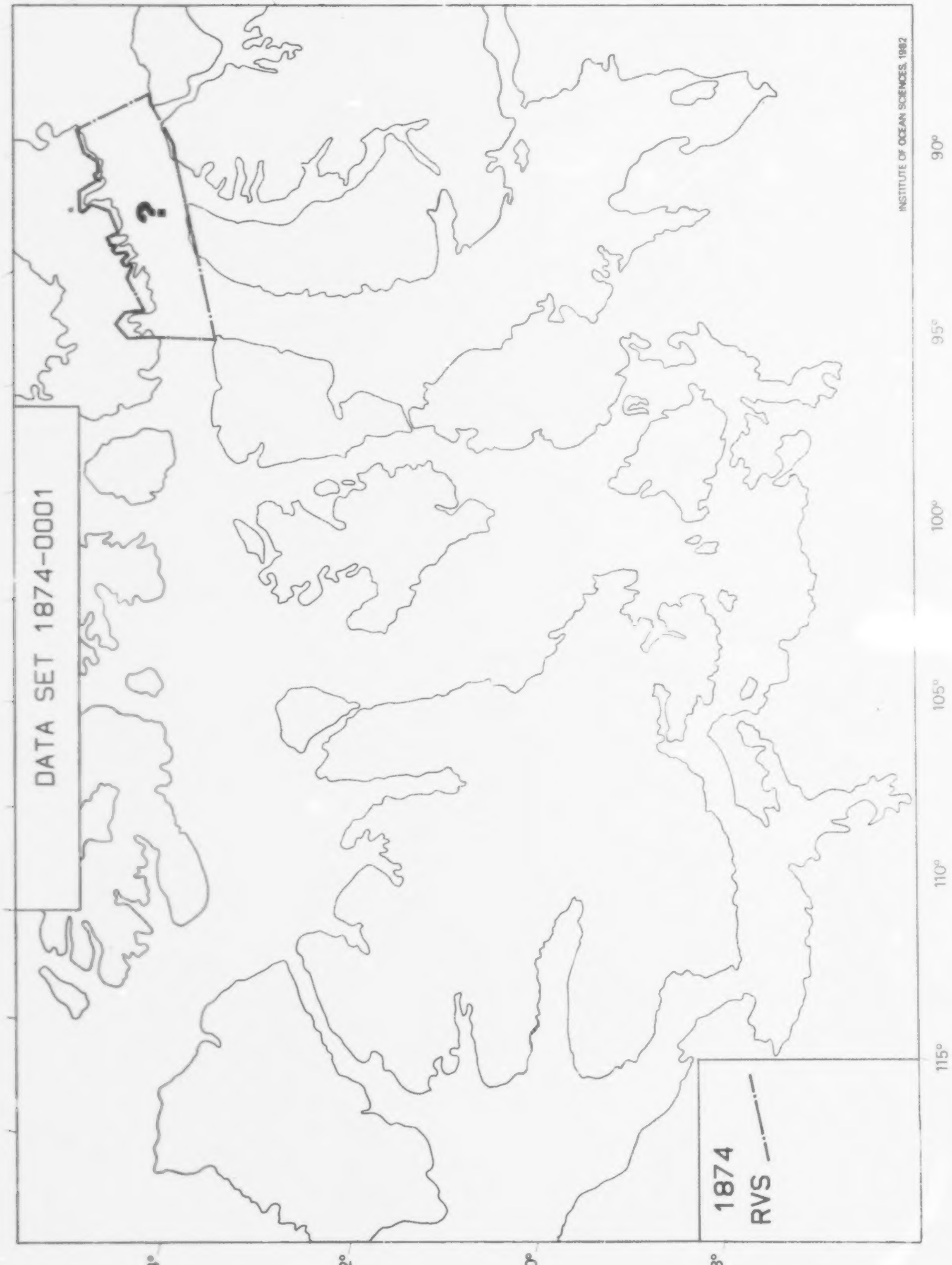
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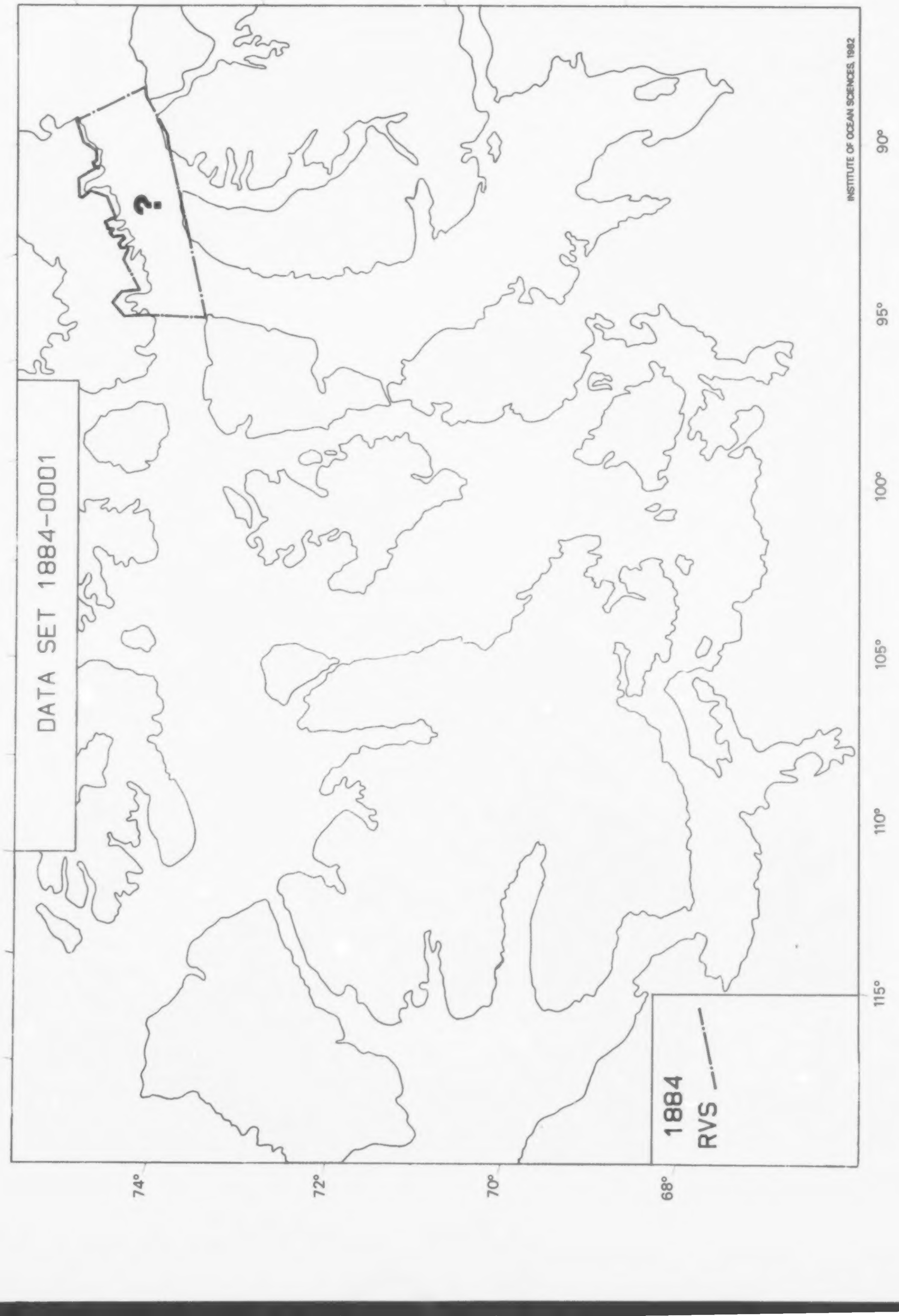
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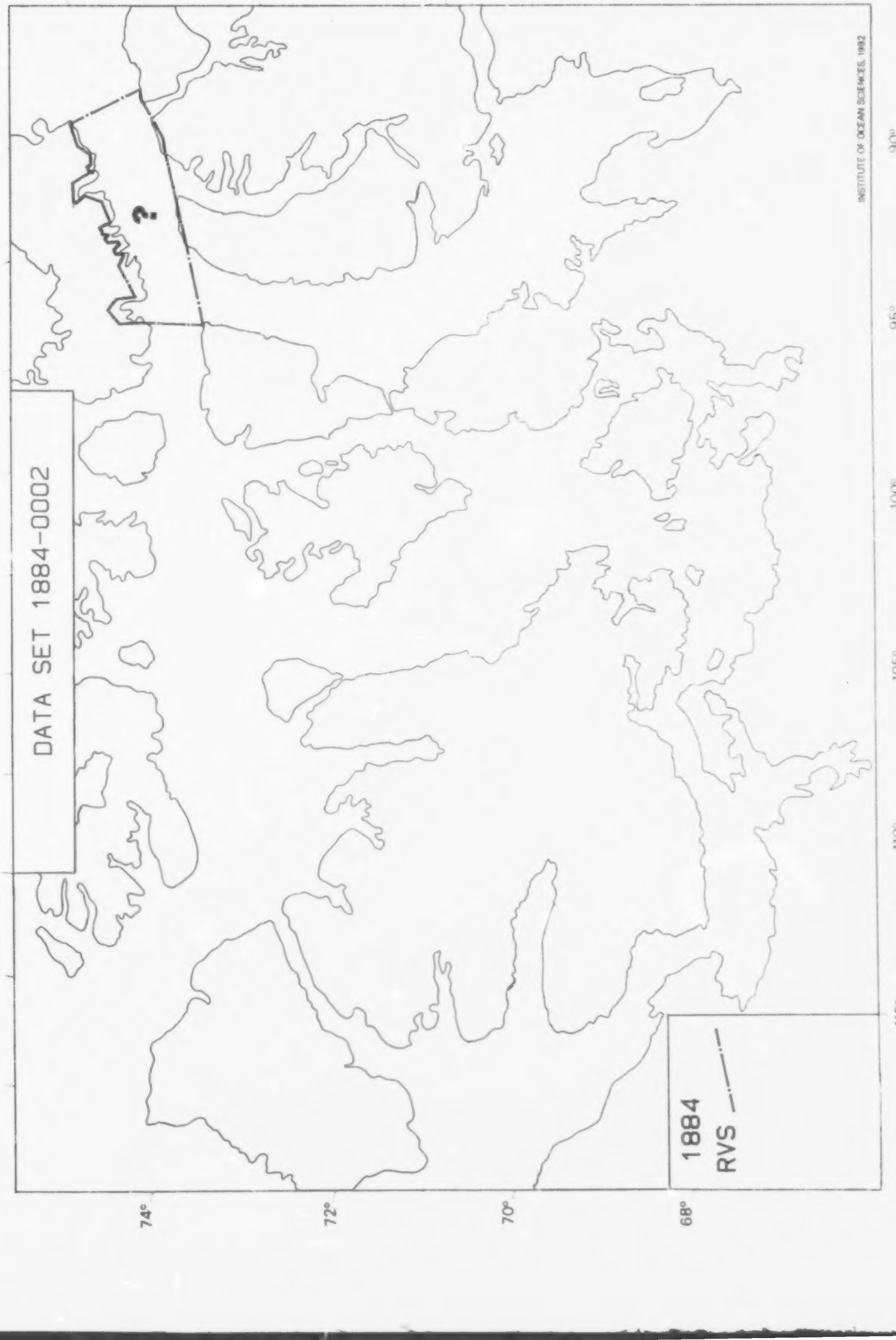
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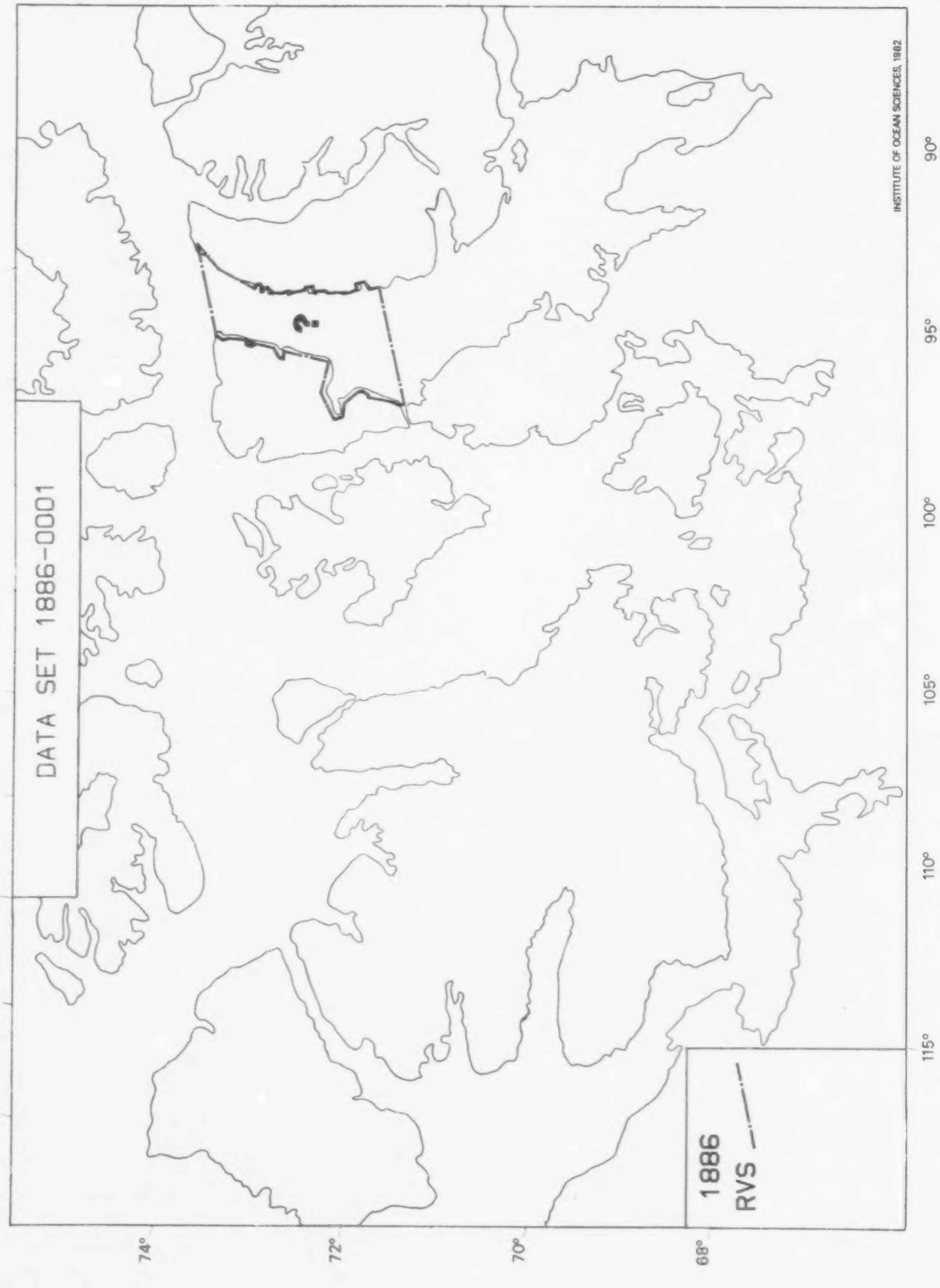
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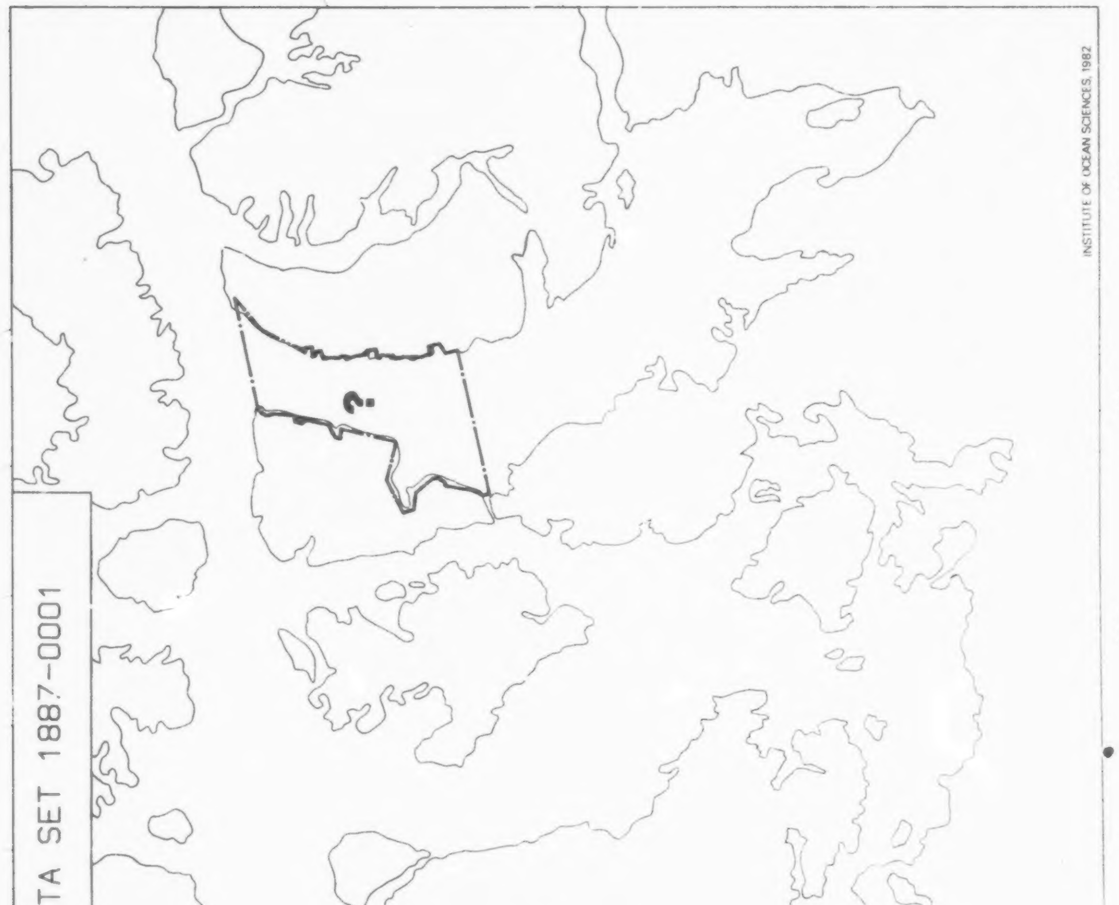
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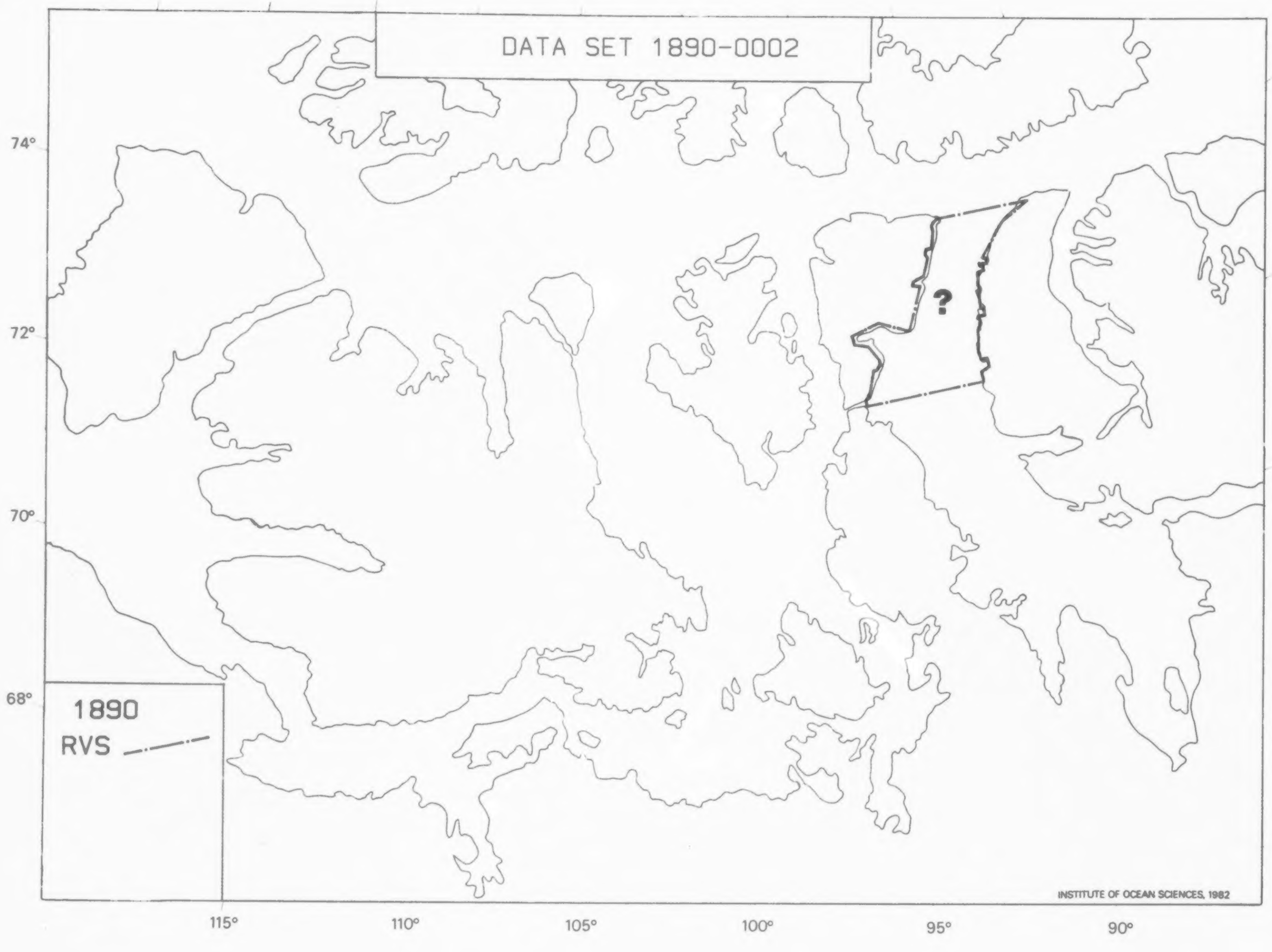

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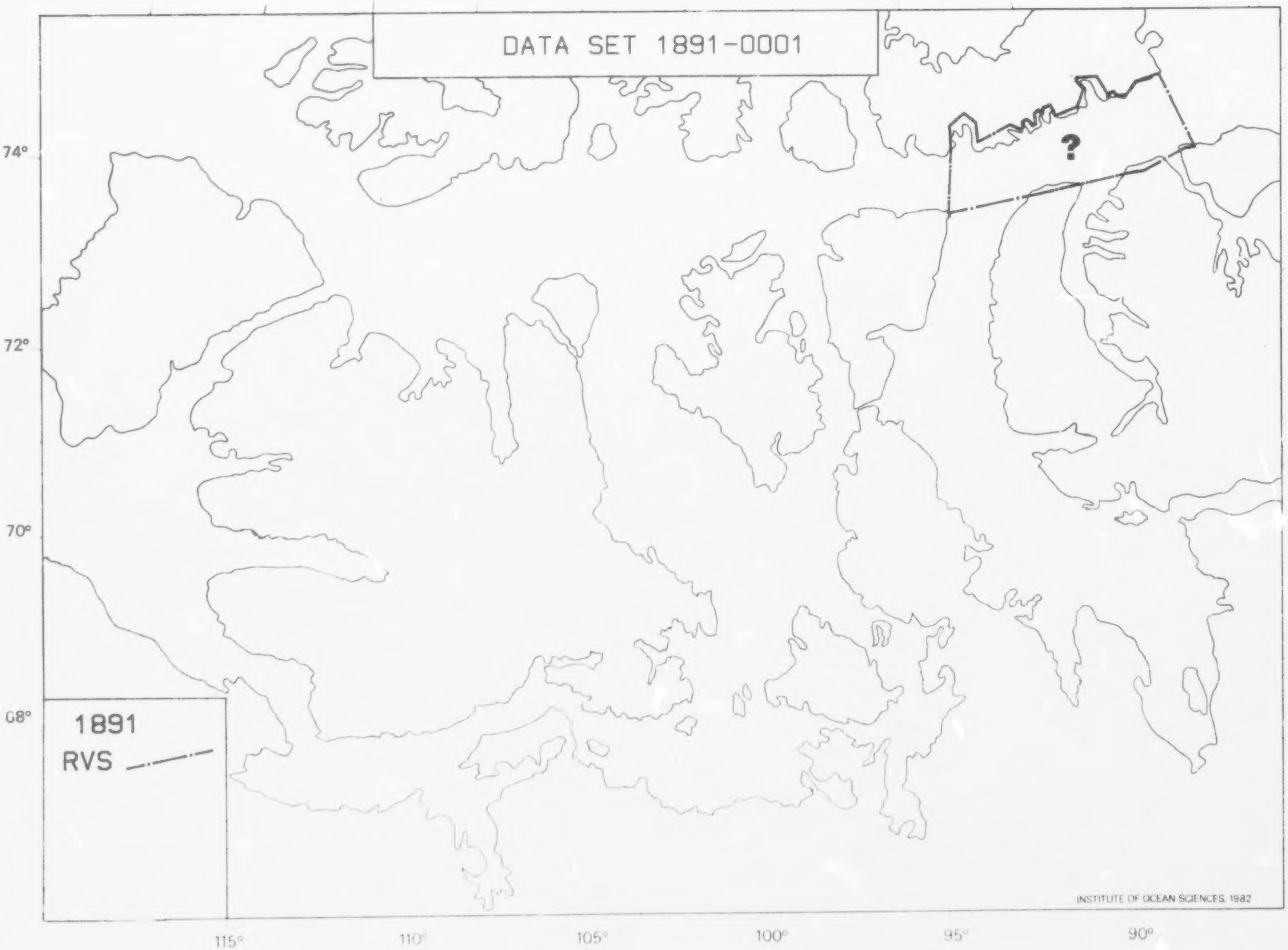

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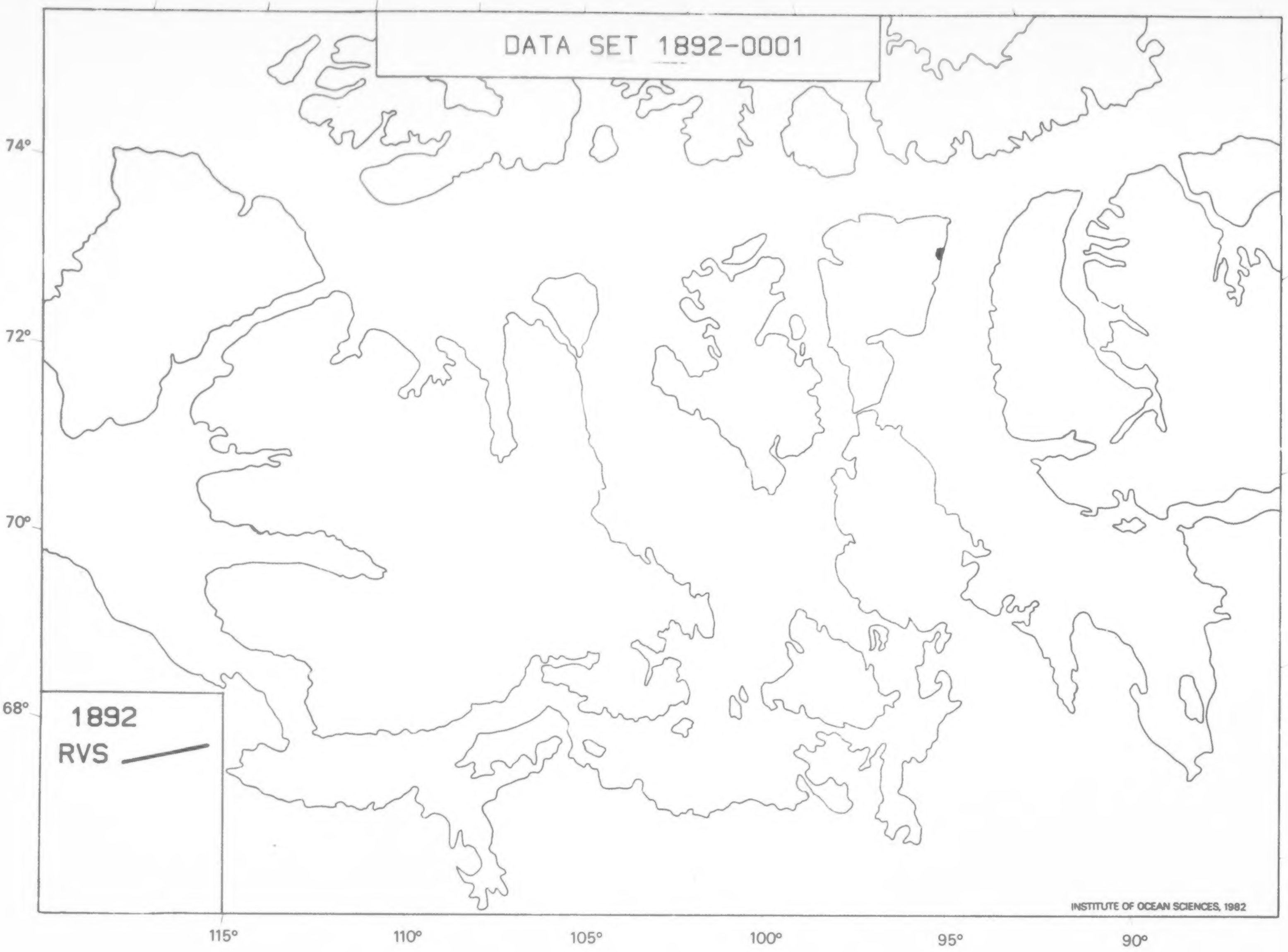

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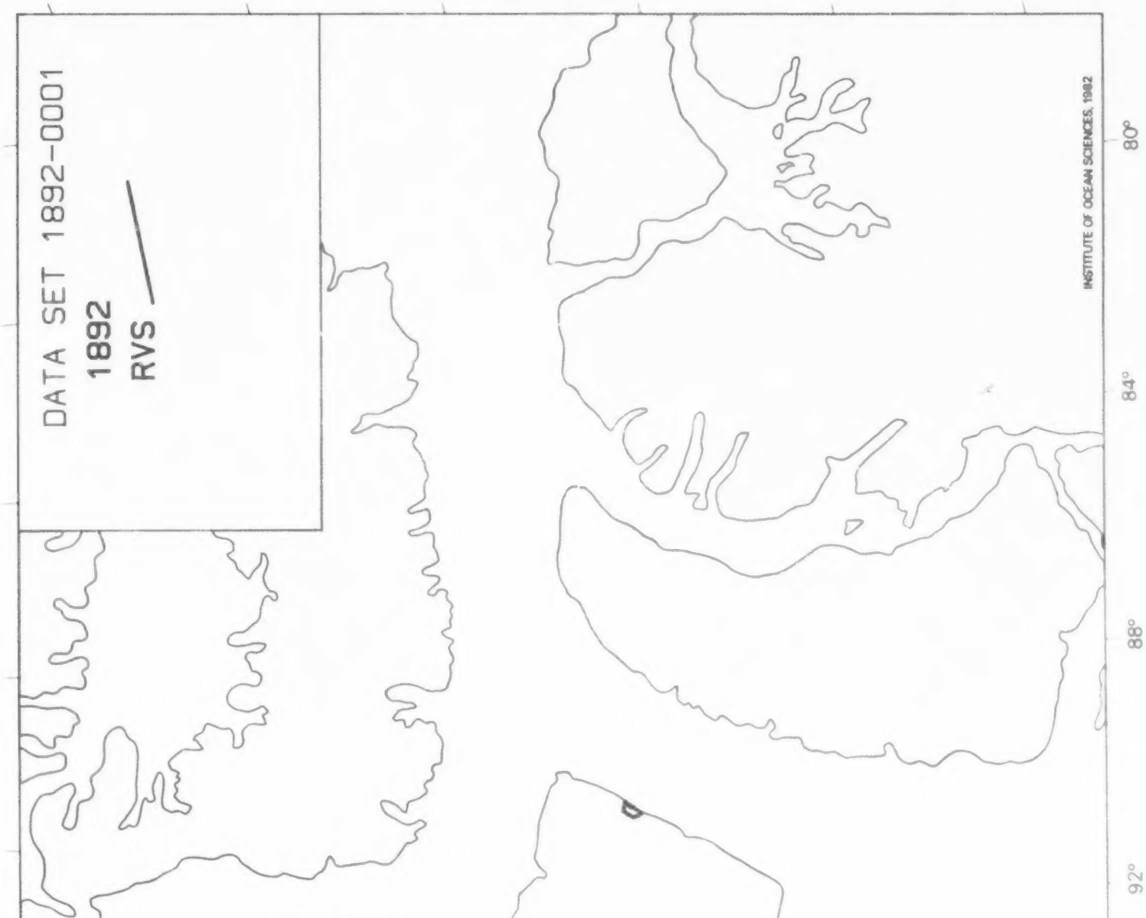
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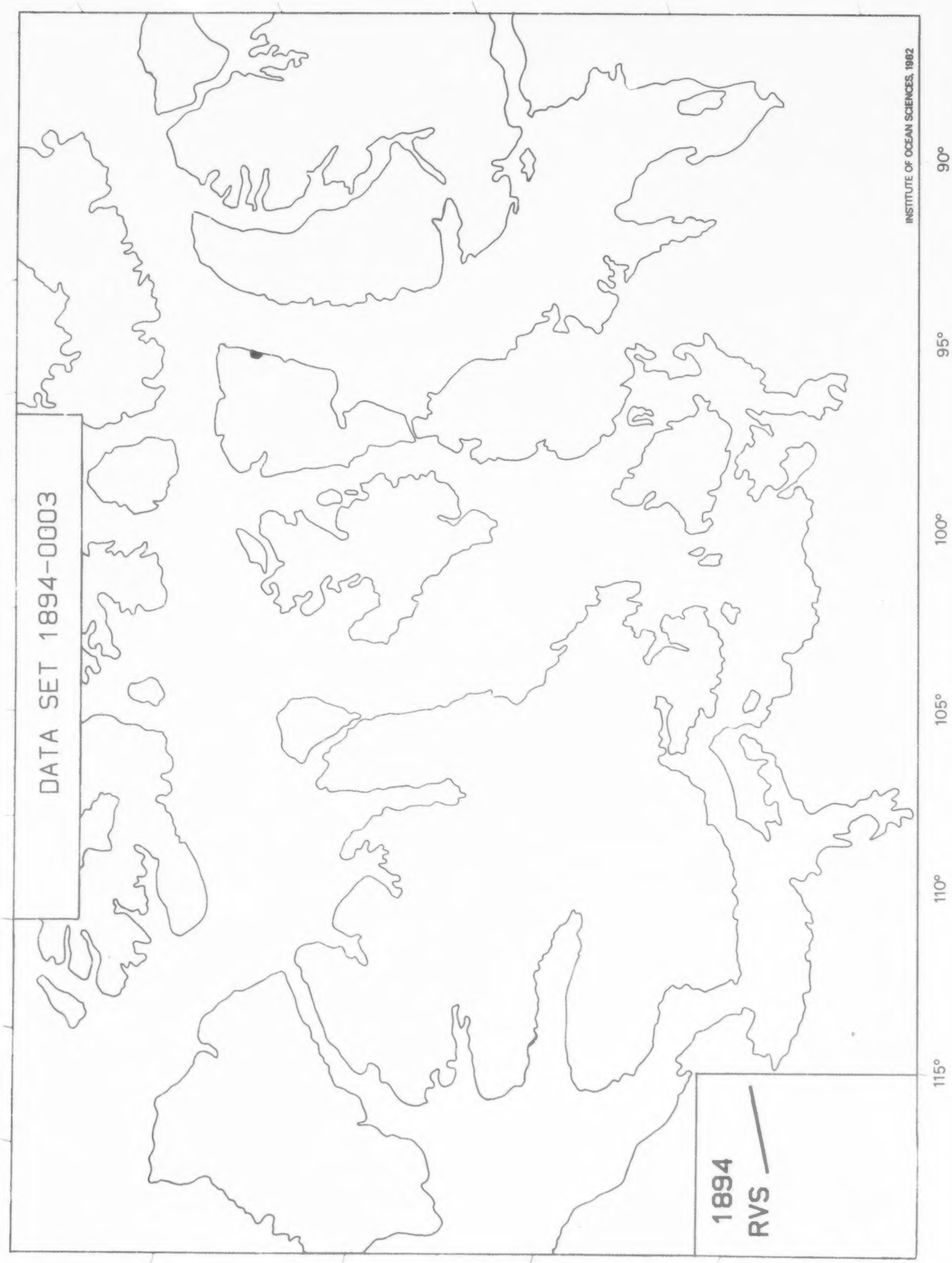
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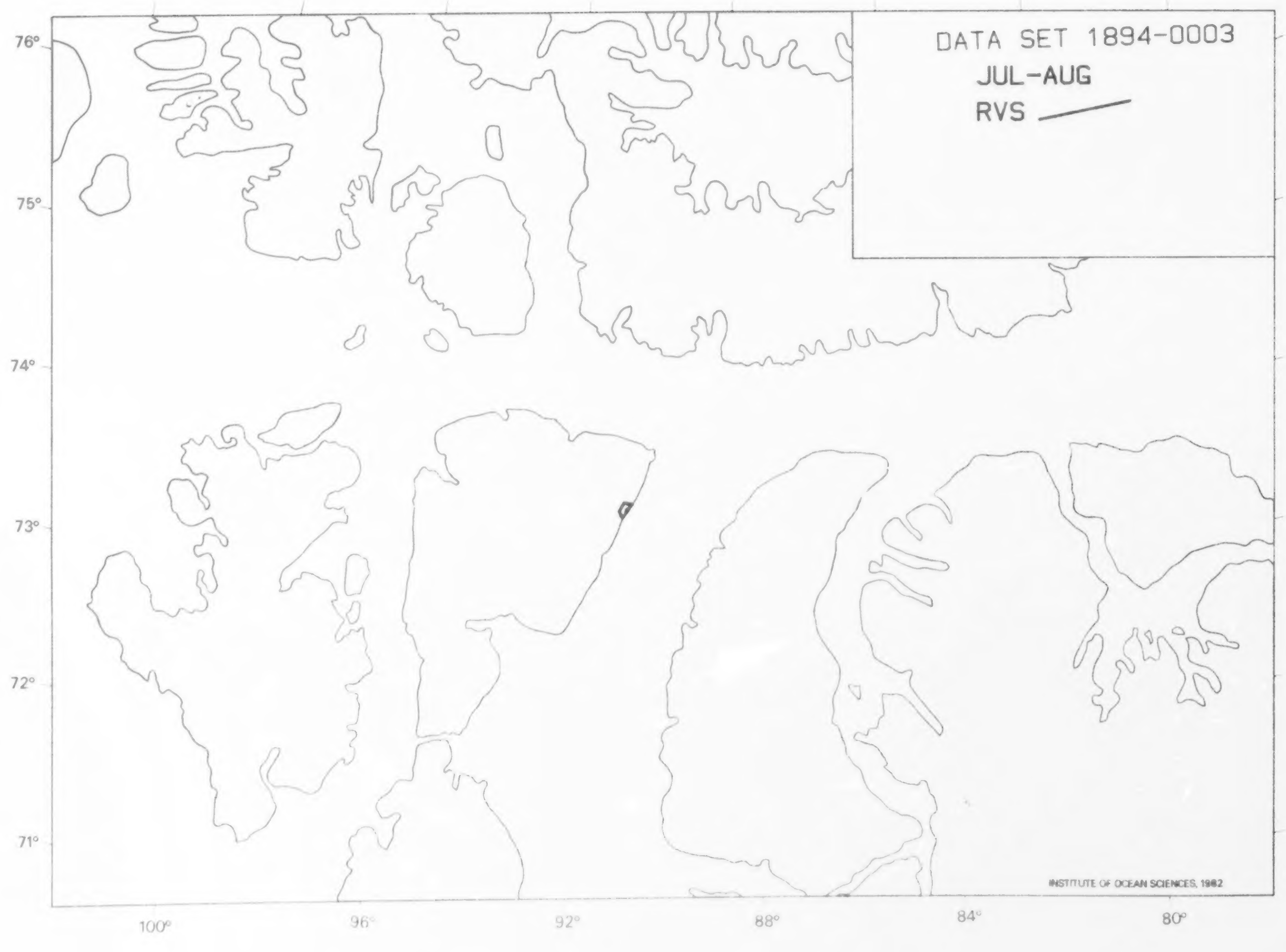
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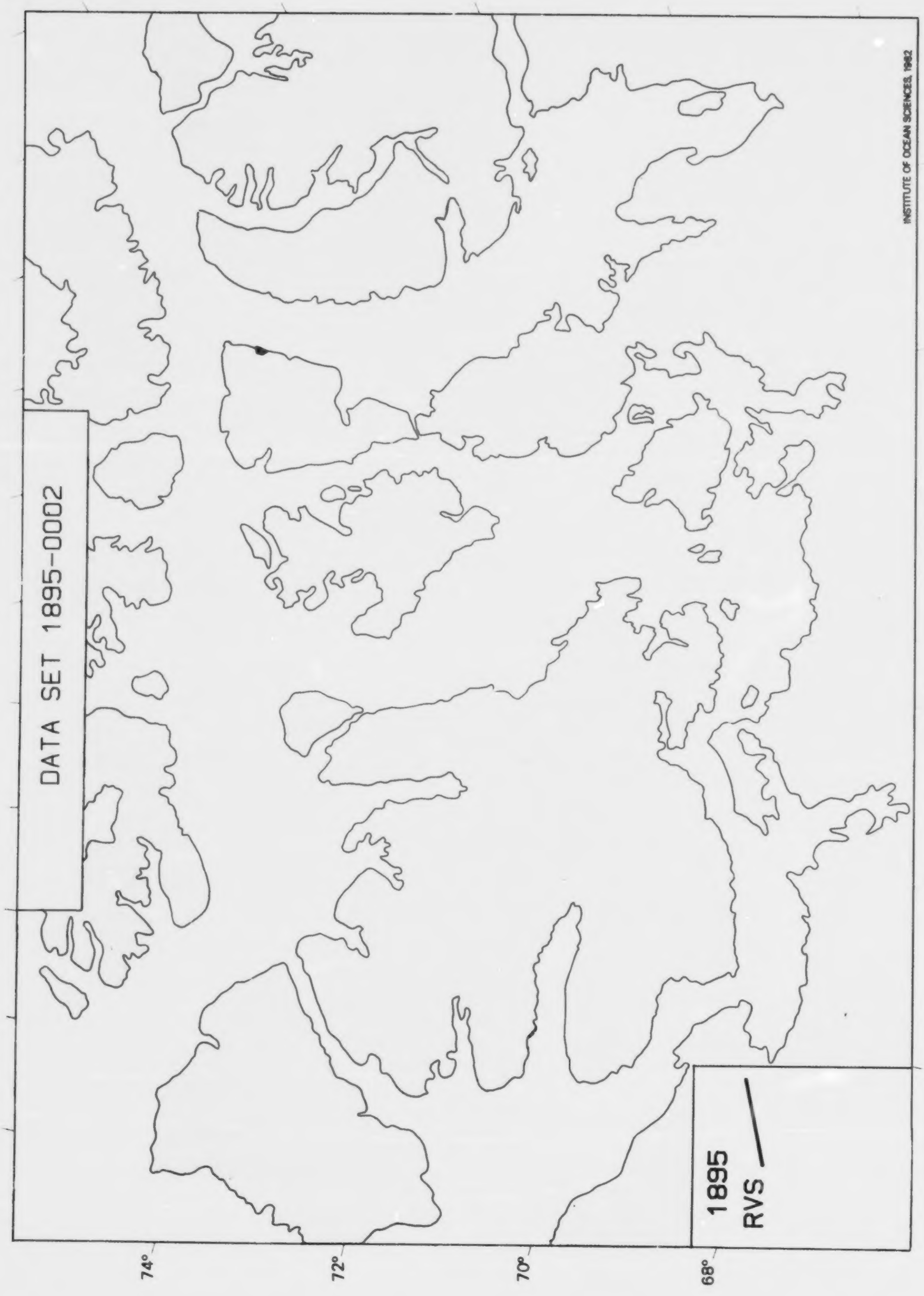

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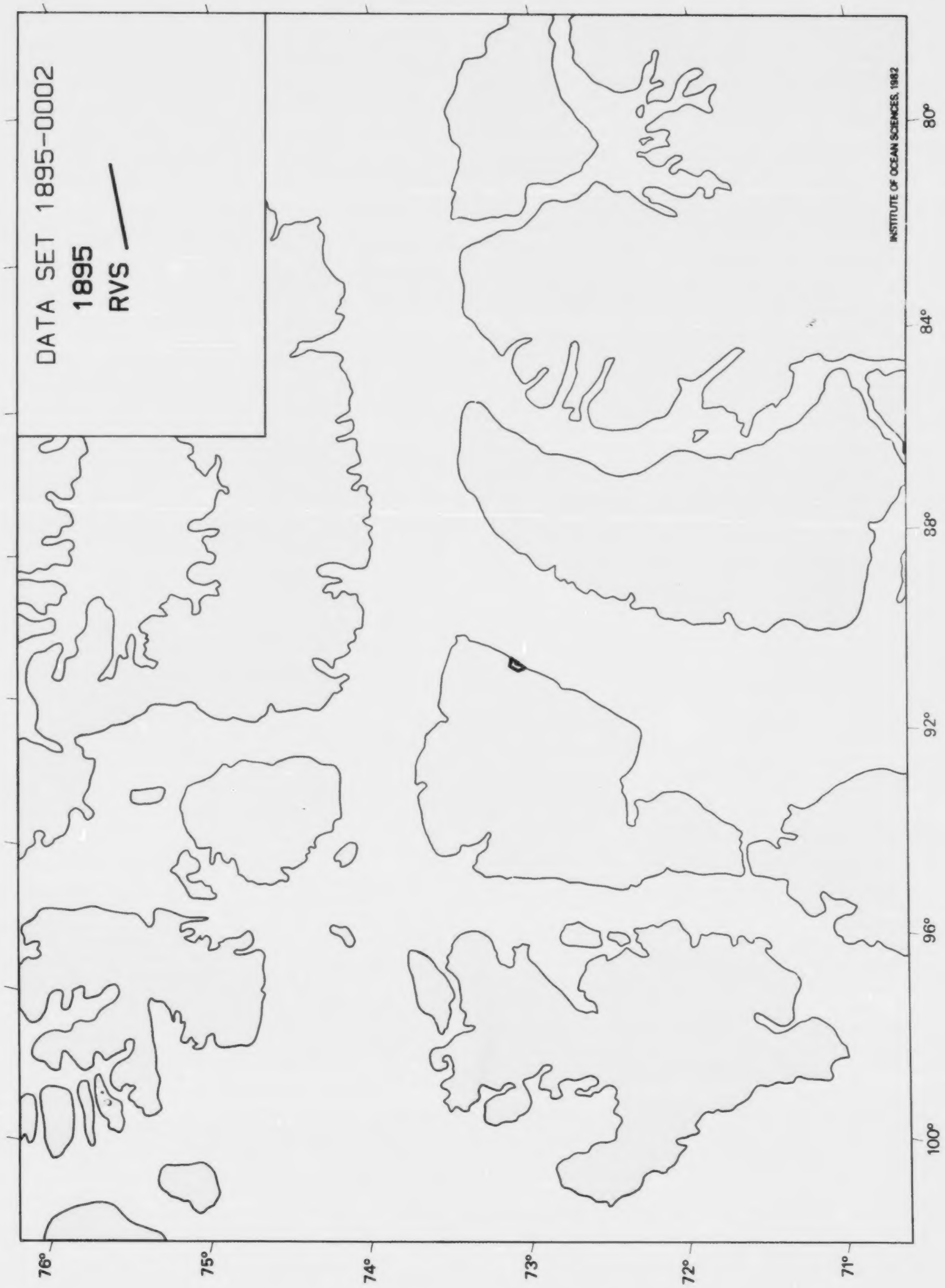
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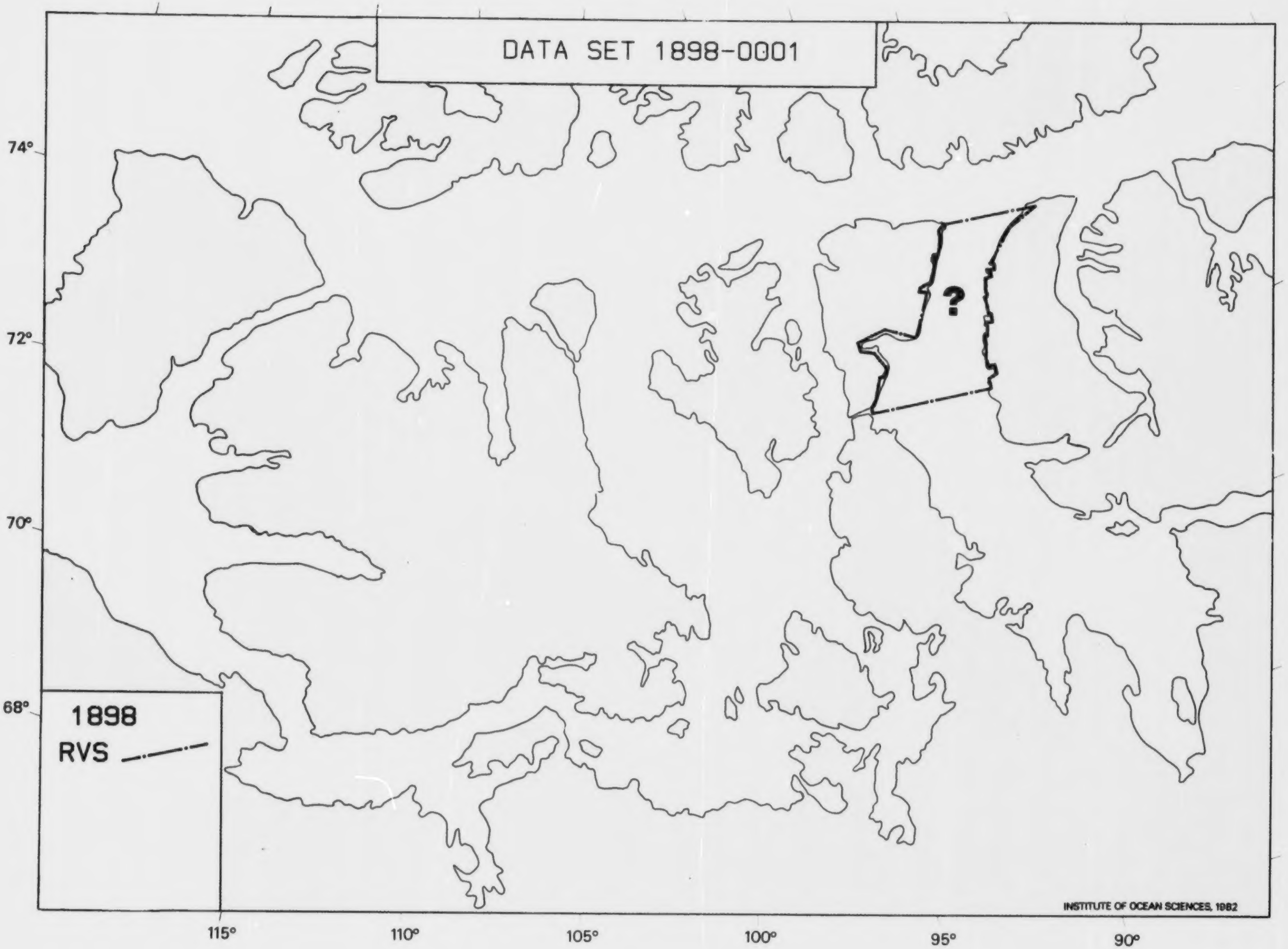
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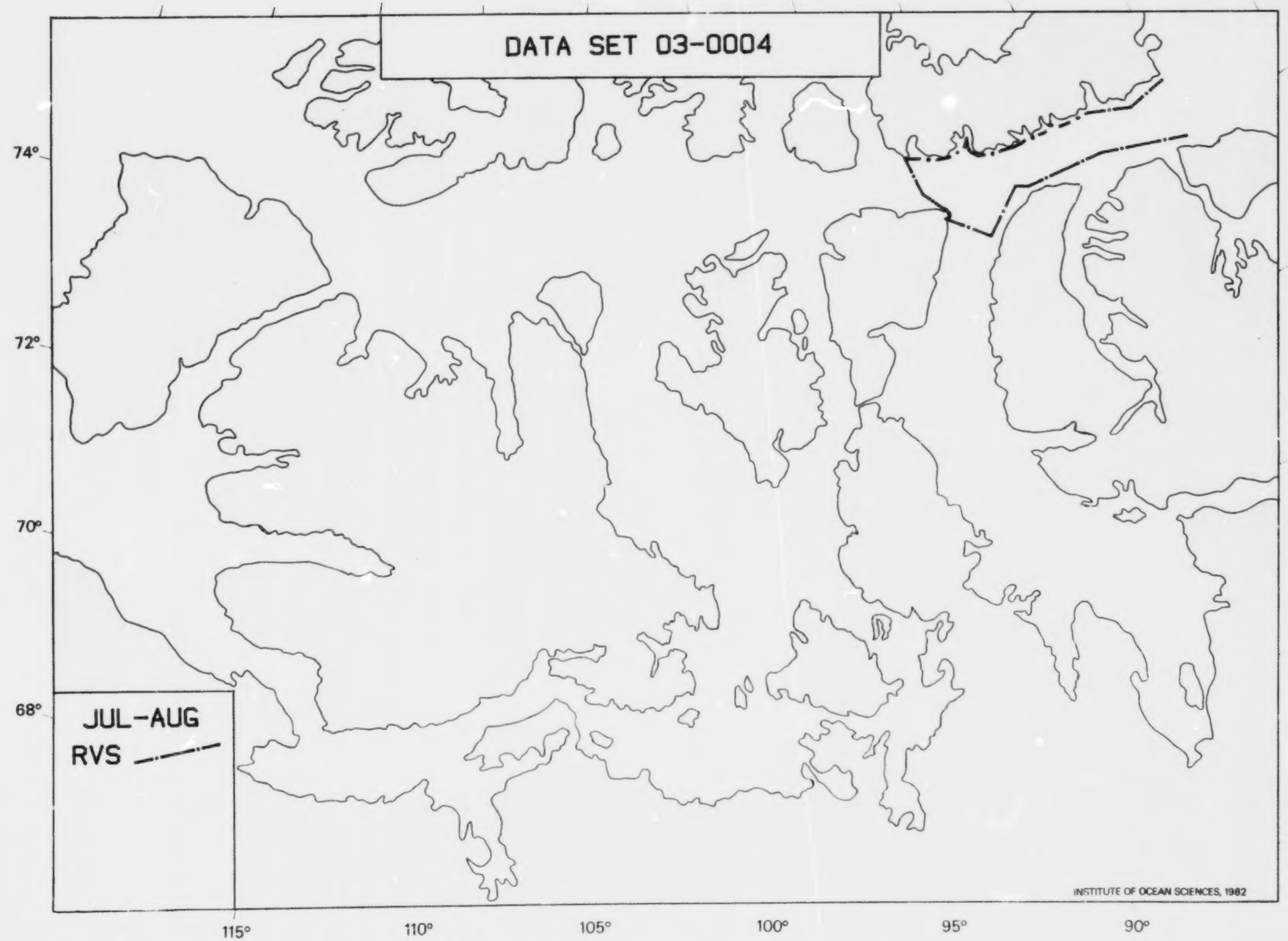
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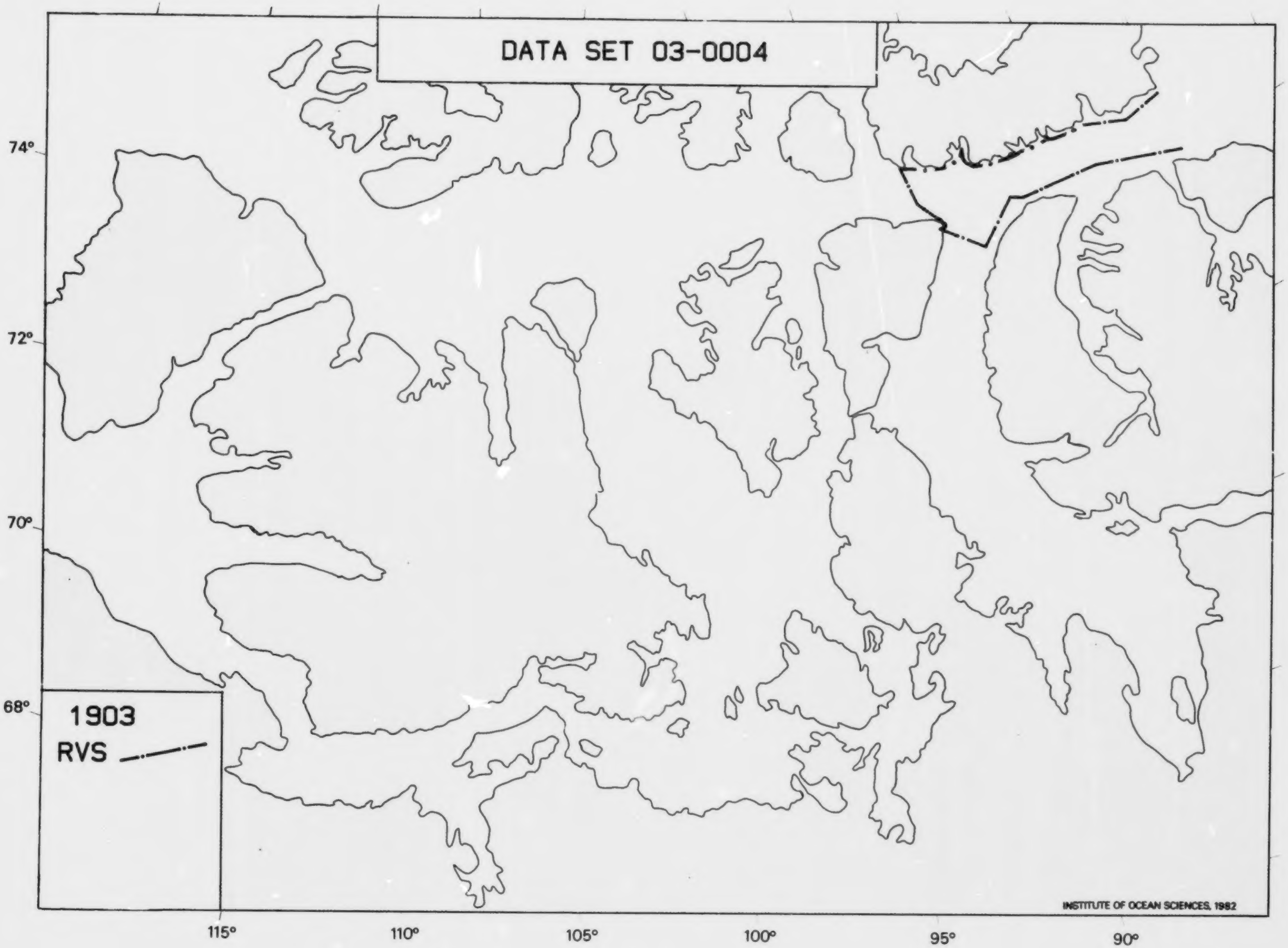

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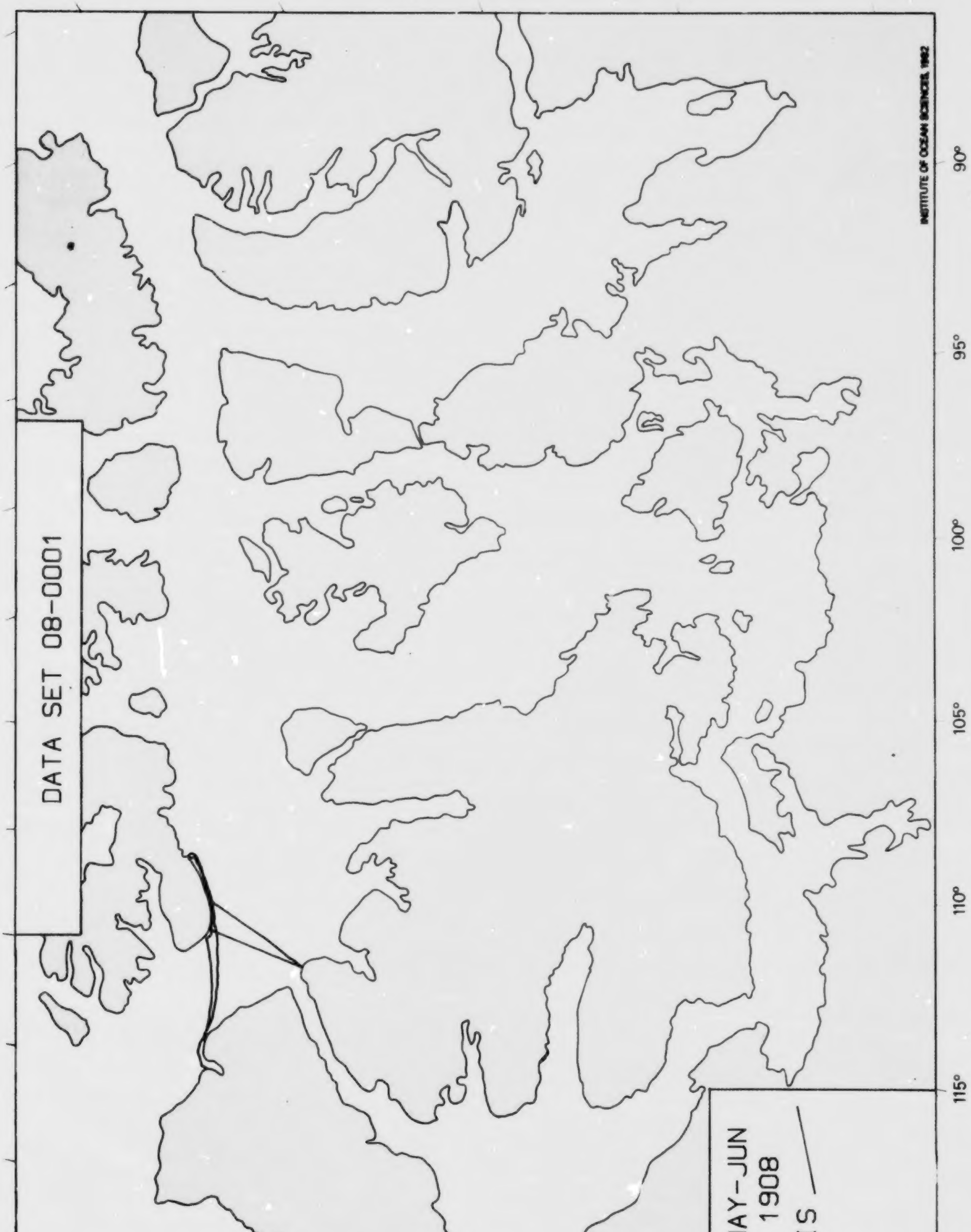
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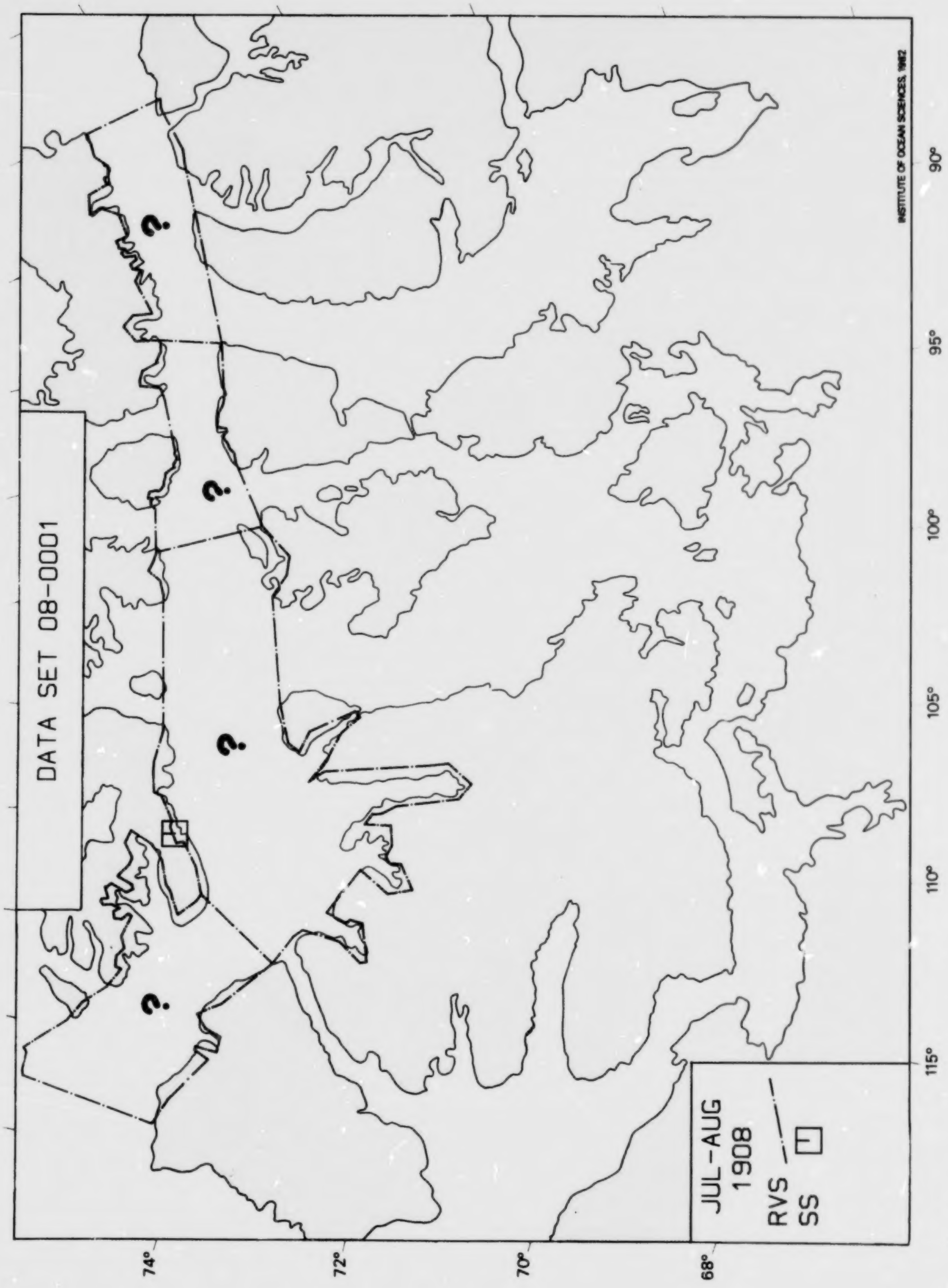
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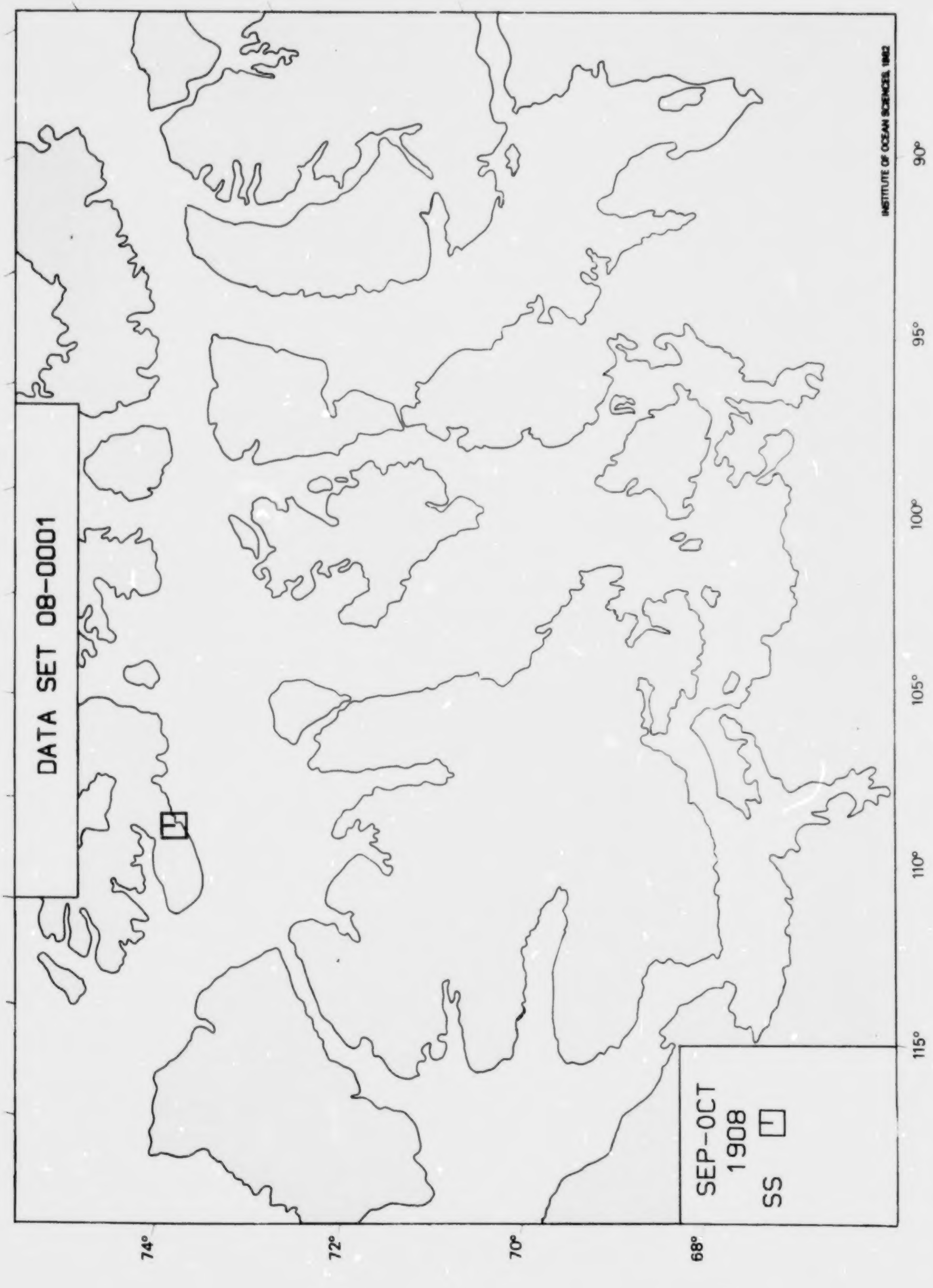
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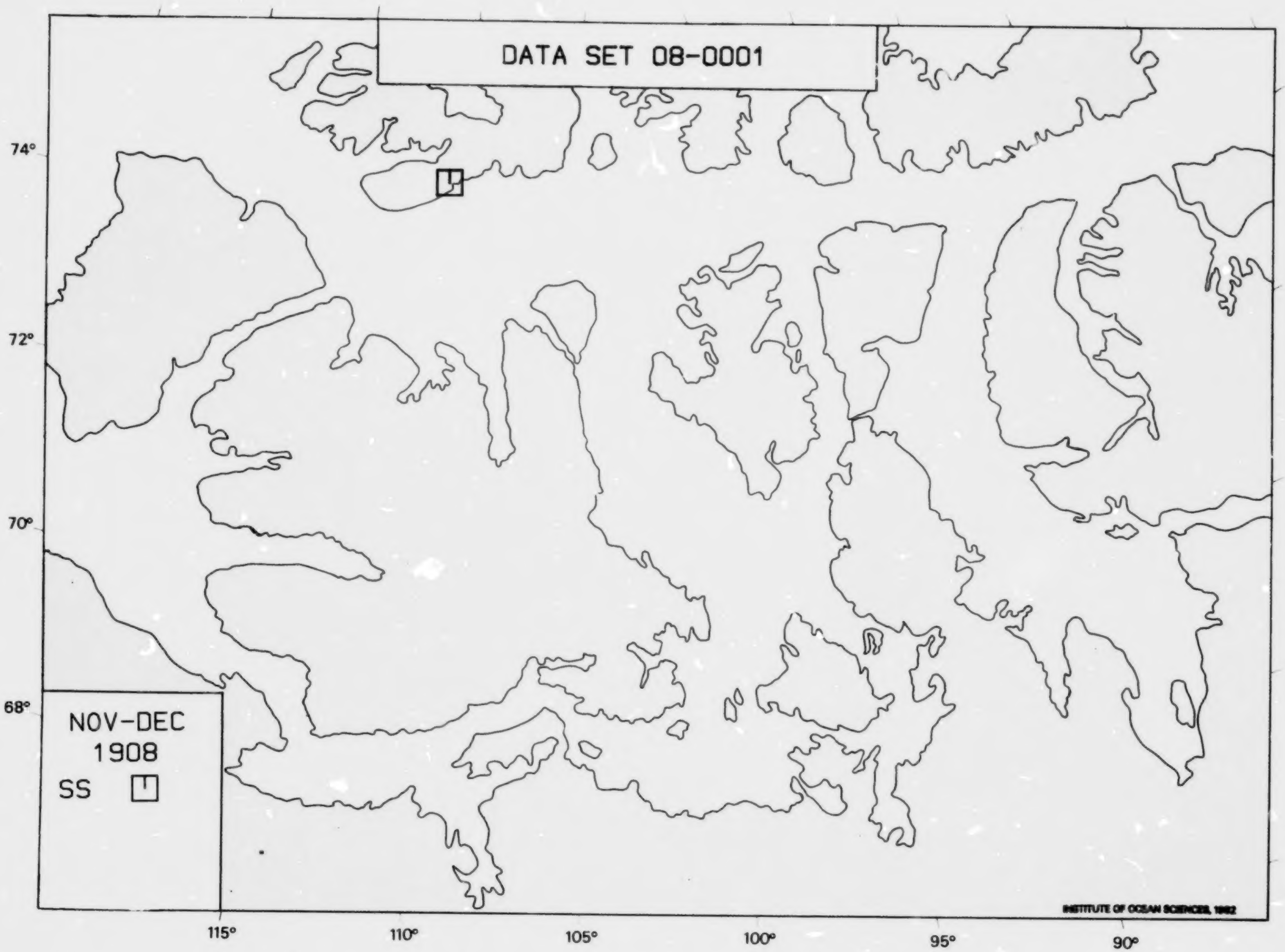

DATA SET 08-0001

NOV-DEC
1908
SS

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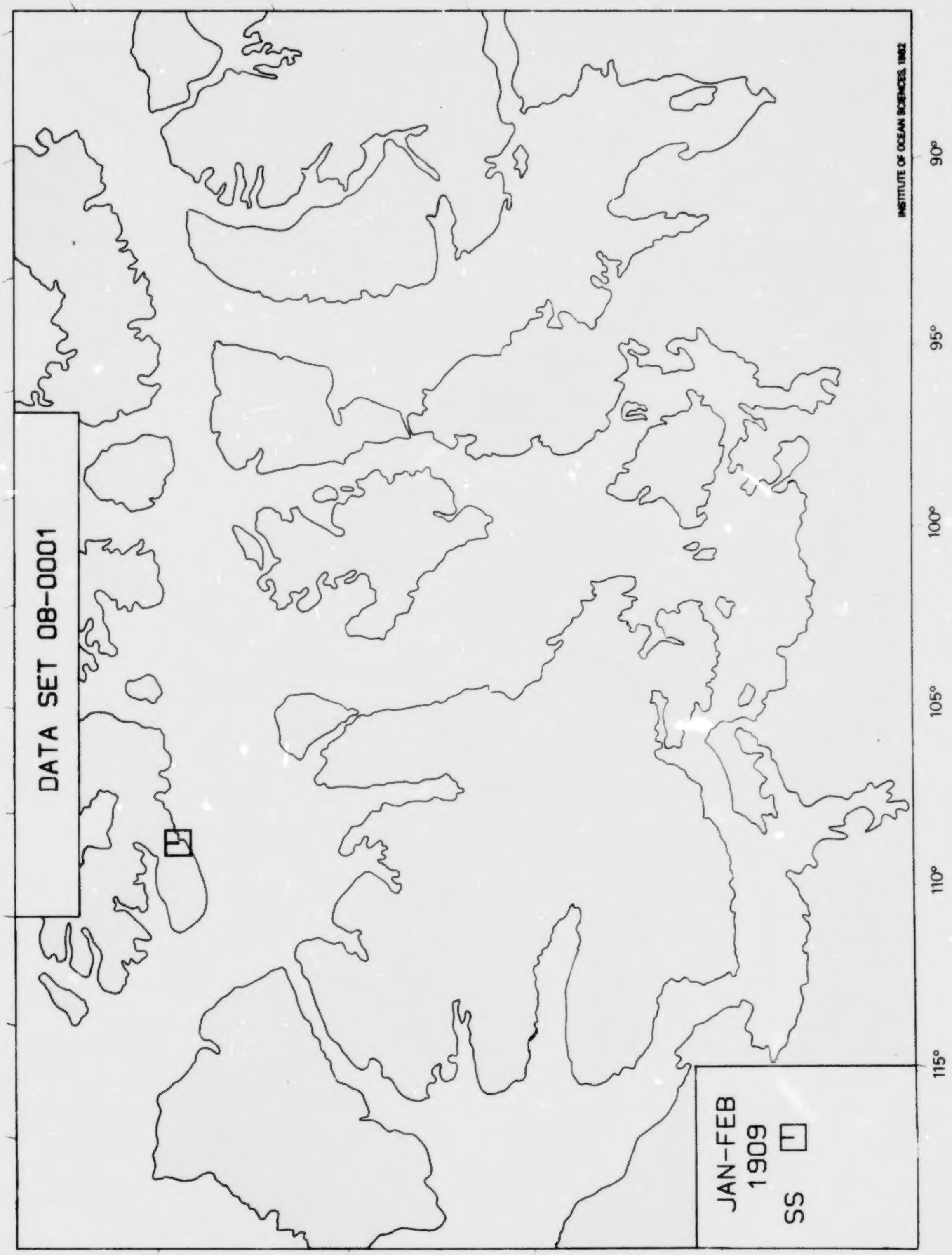
INSTITUTE OF OCEAN SCIENCES, 1982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SS
INSTITUTE OF OCEAN SCIENCES, 1982
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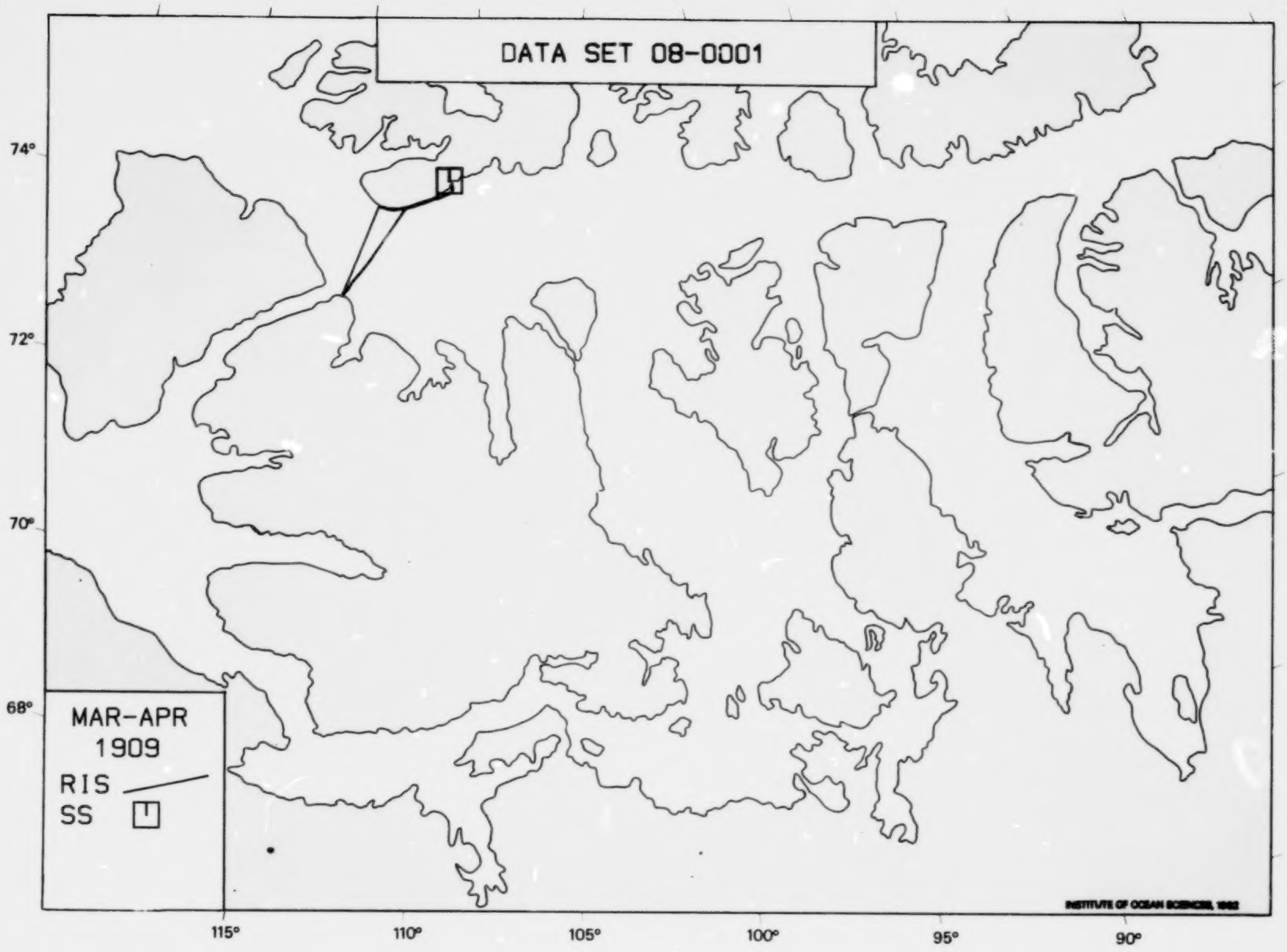
110°
115°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1909
RIS
SS
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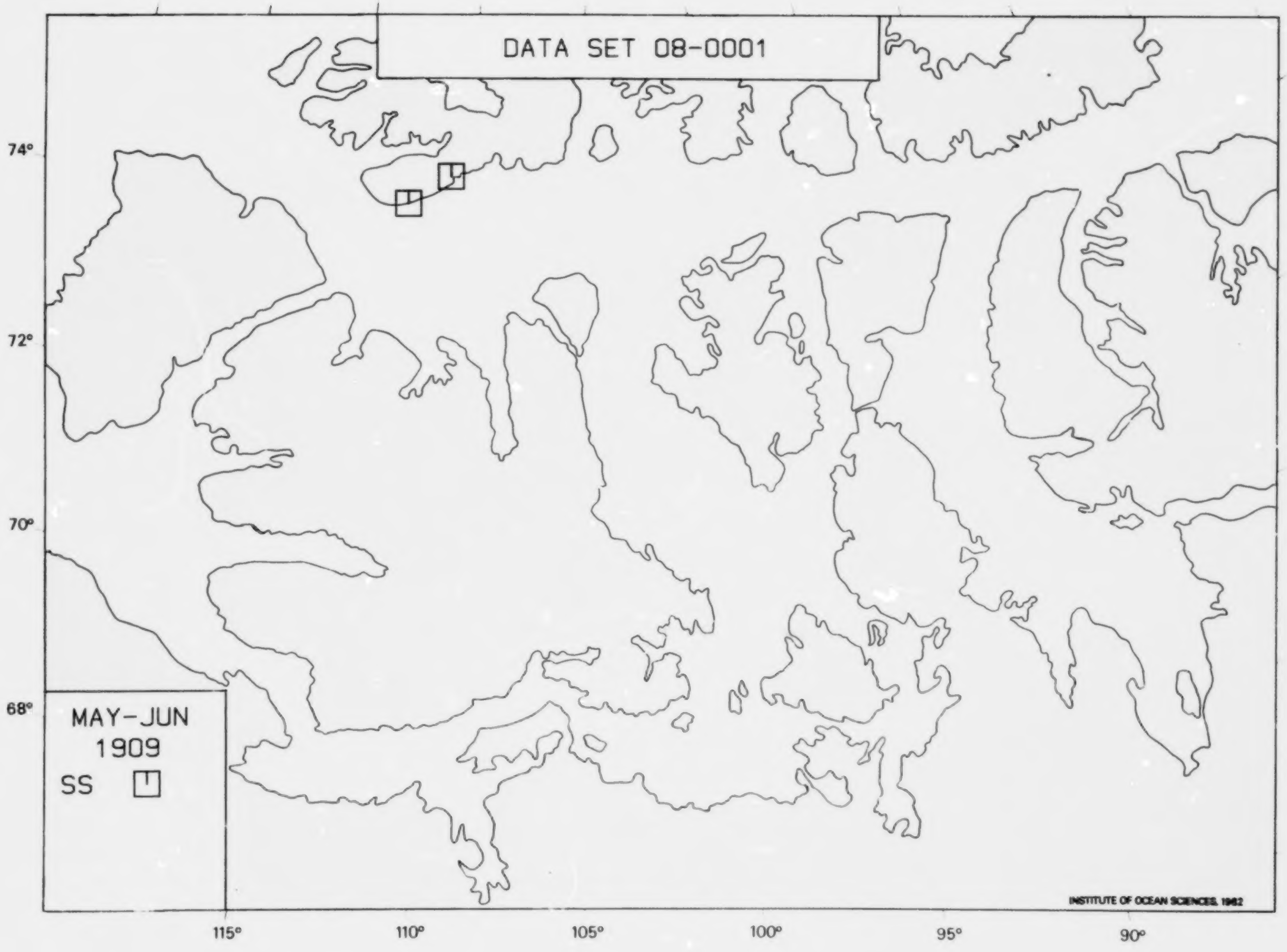
90°
INSTITUTE OF OCEAN SCIENCES, 1982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1909
SS
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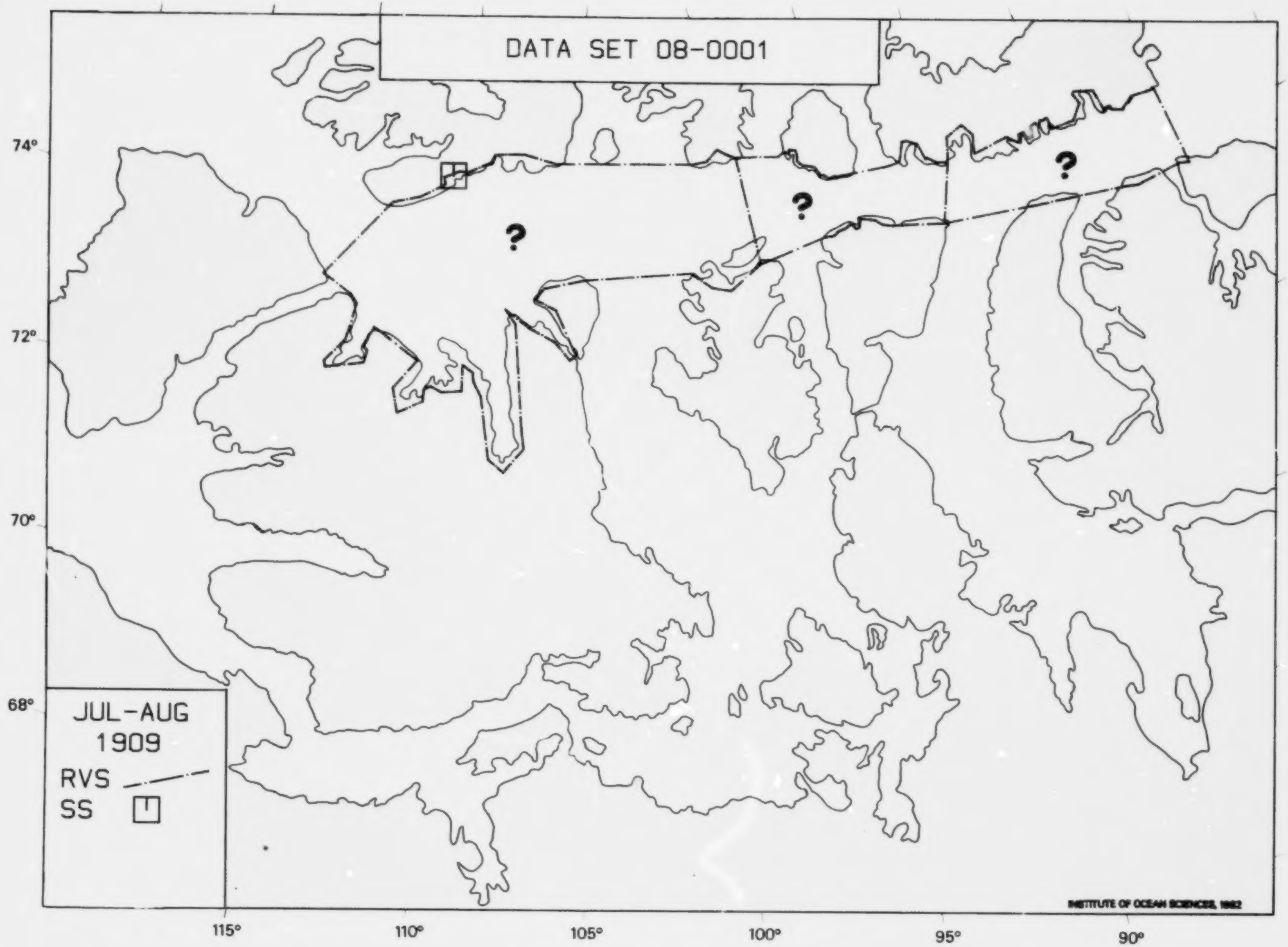
INSTITUTE OF OCEAN SCIENCES, 1982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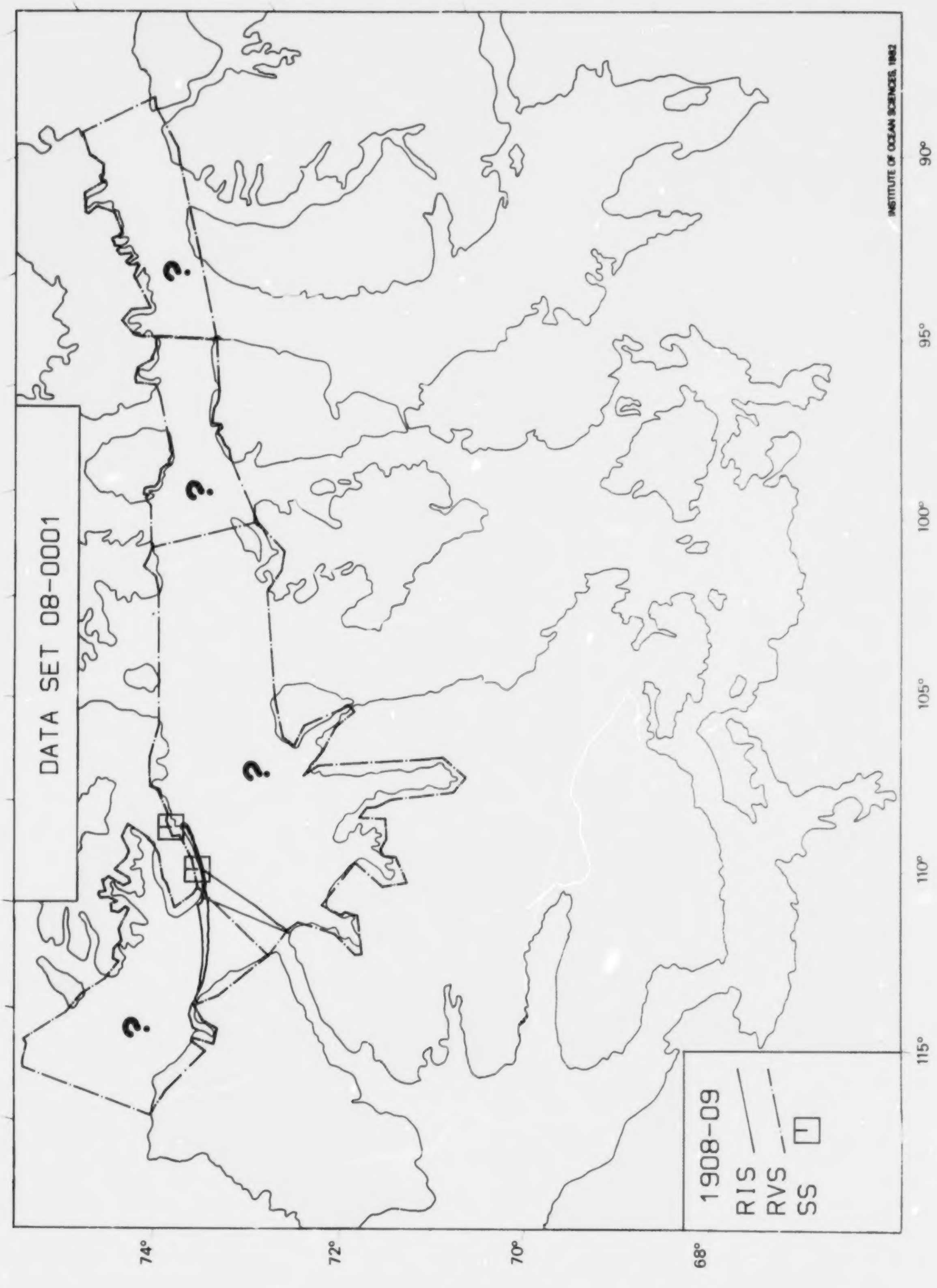
90°
JUL-AUG
1909
RVS
SS
INSTITUTE OF OCEAN SCIENCES, 1982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1908-09
RIS
RVS
SS
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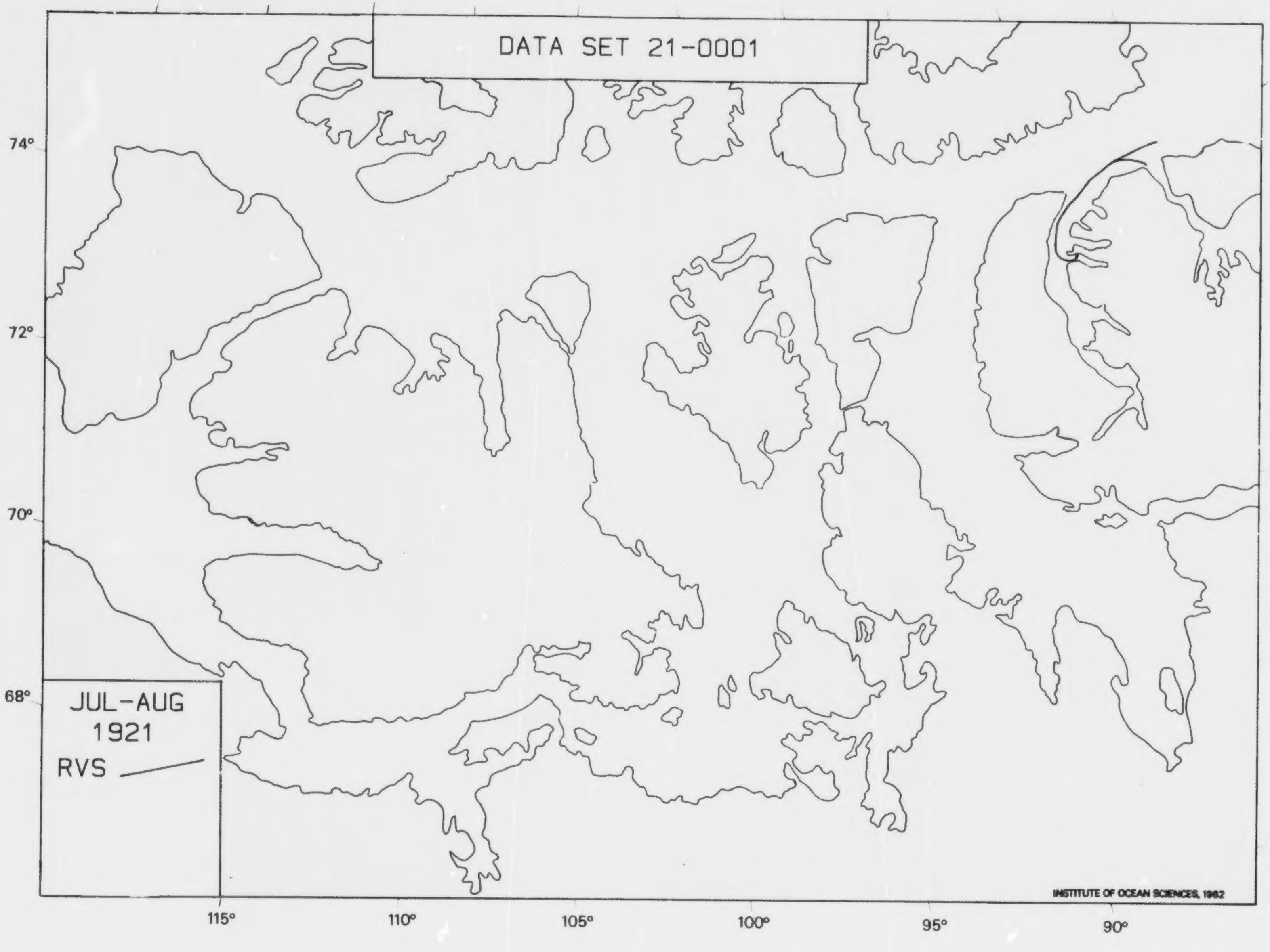
INSTITUTE OF OCEAN SCIENCES, 1982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1921
RVS
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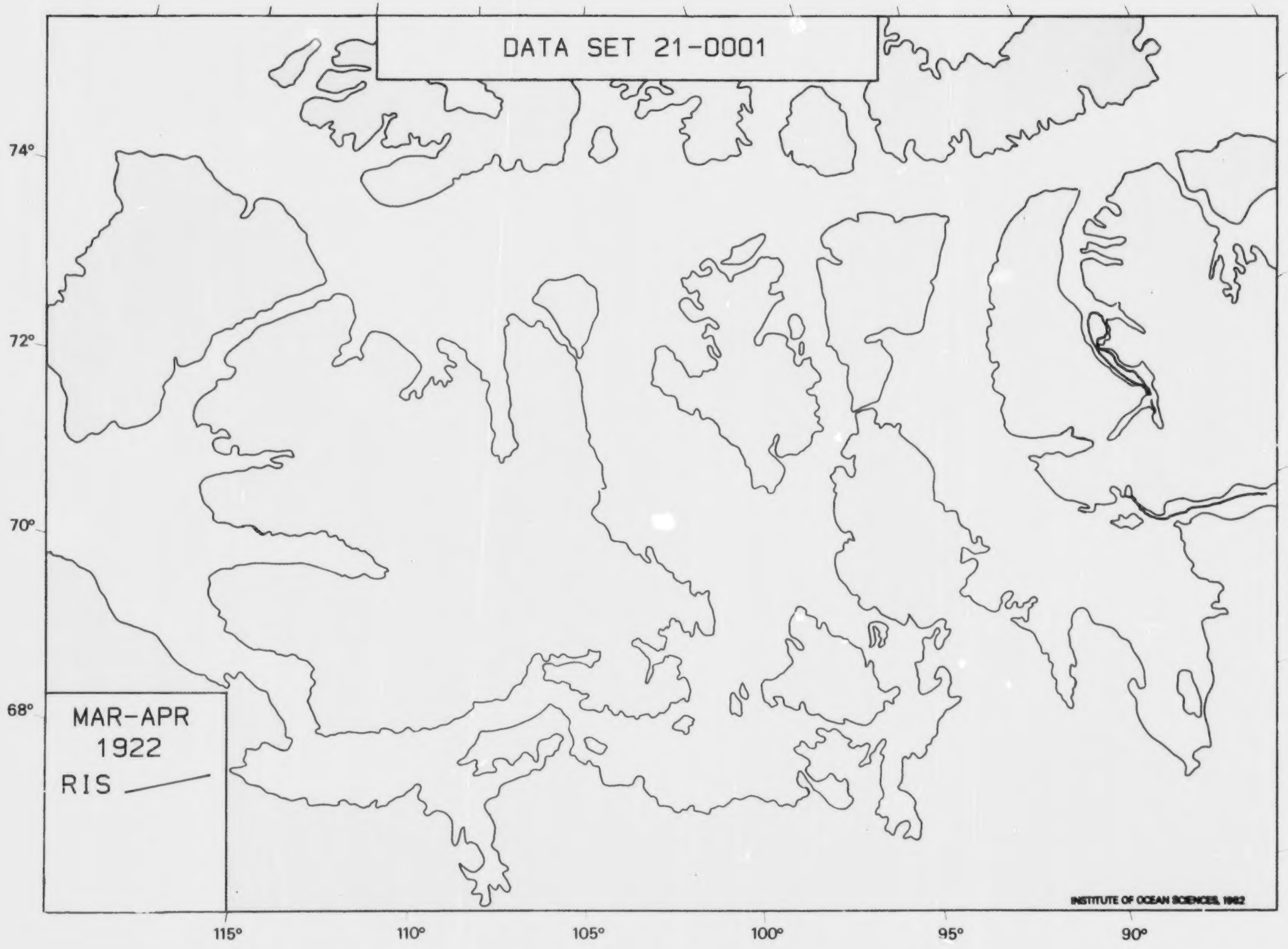
90°
INSTITUTE OF OCEAN SCIENCES, 1982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1922
RIS
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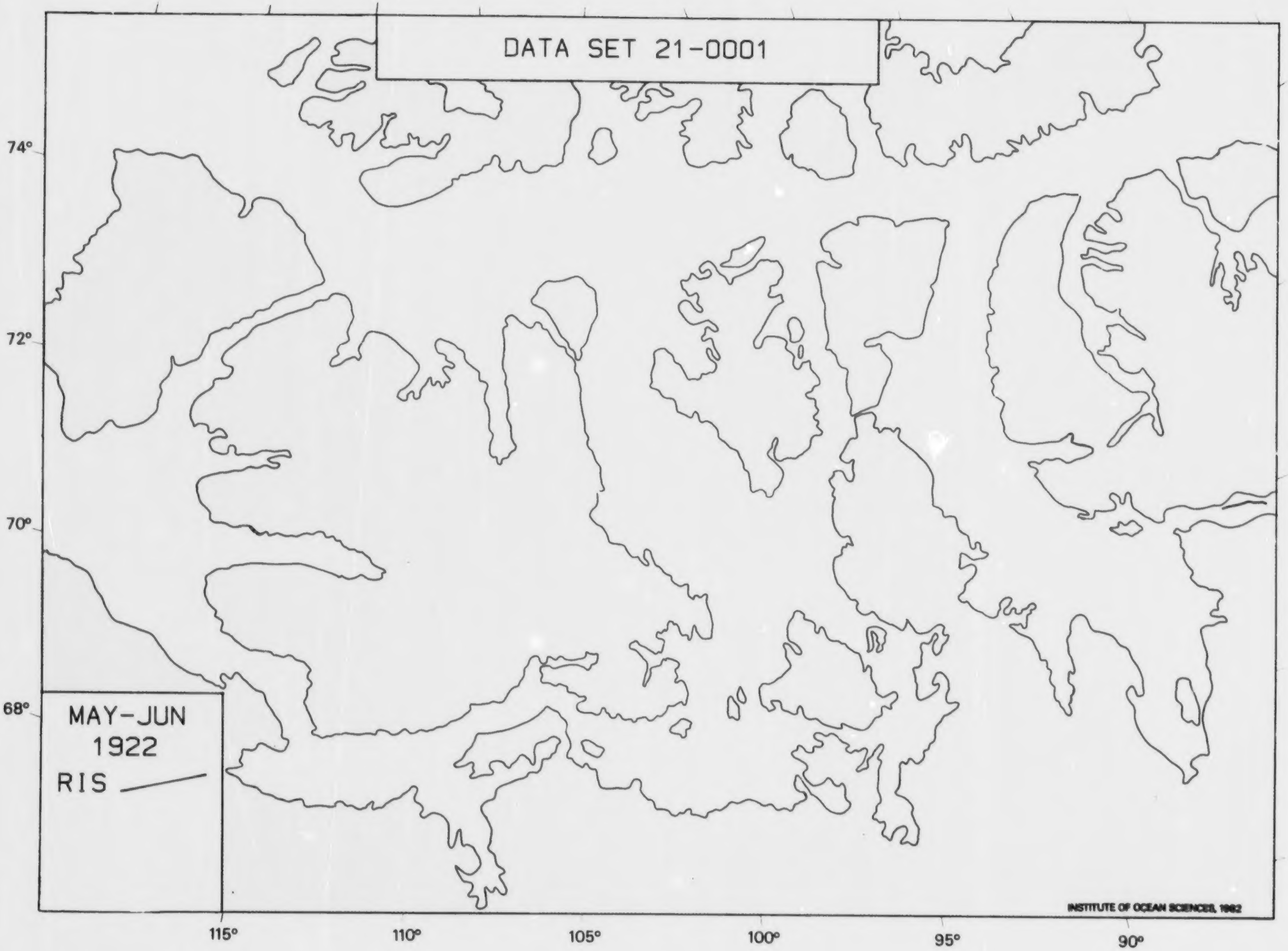
90°
INSTITUTE OF OCEAN SCIENCES, 1982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MAY-JUN
1922
RIS
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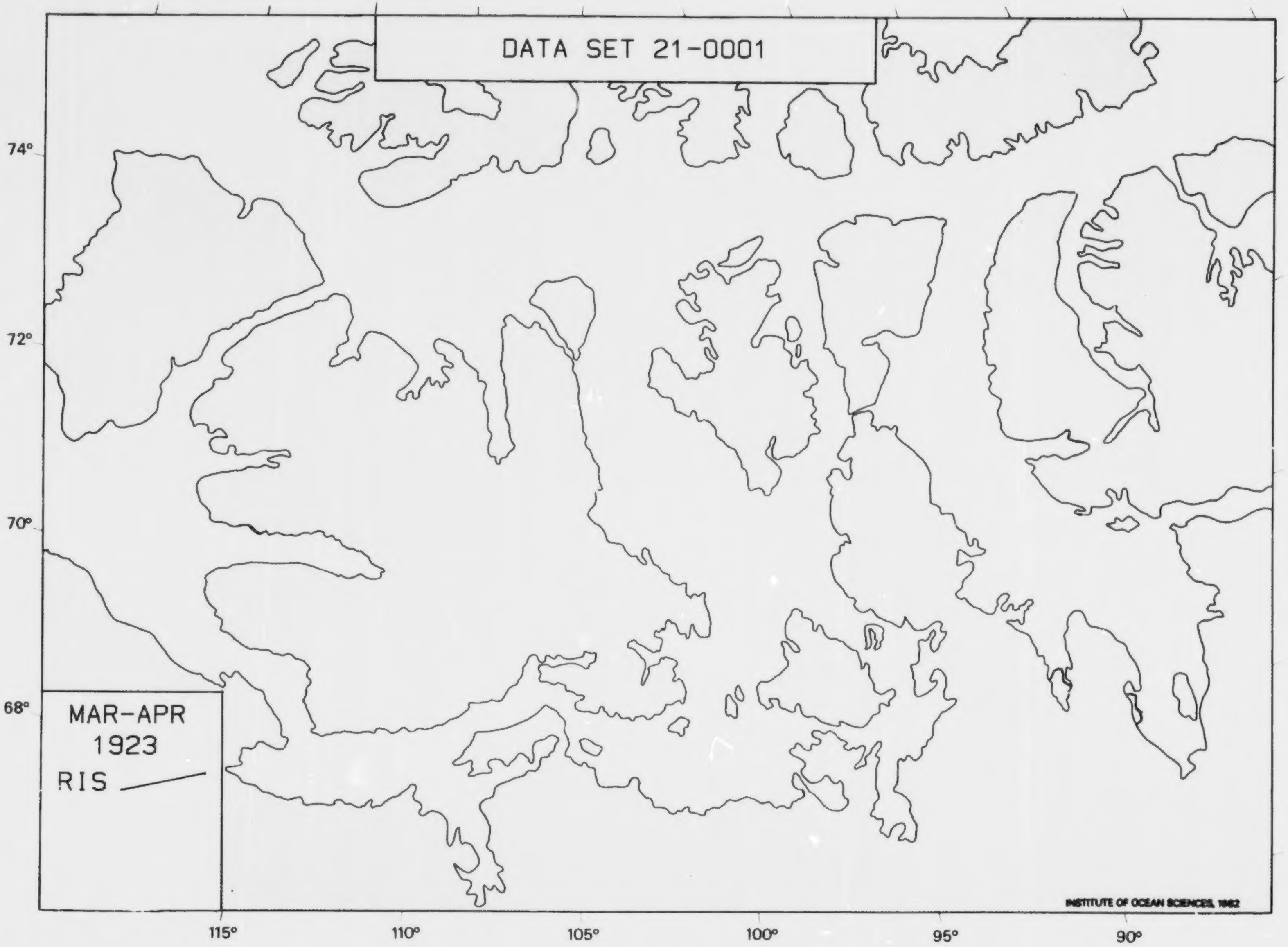
INSTITUTE OF OCEAN SCIENCES, 1982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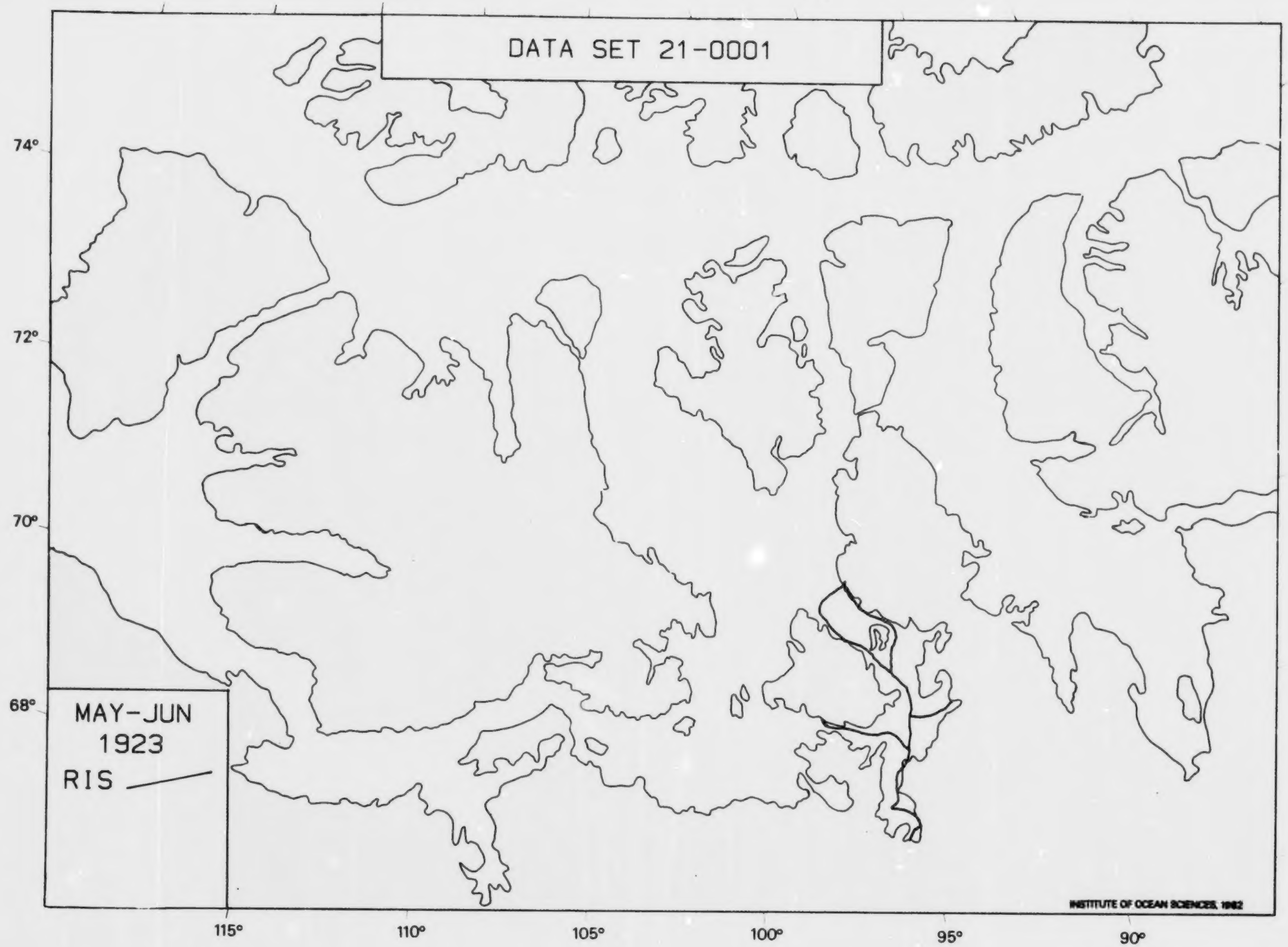
90°

INSTITUTE OF OCEAN SCIENCES, 1982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MAY-JUN
1923
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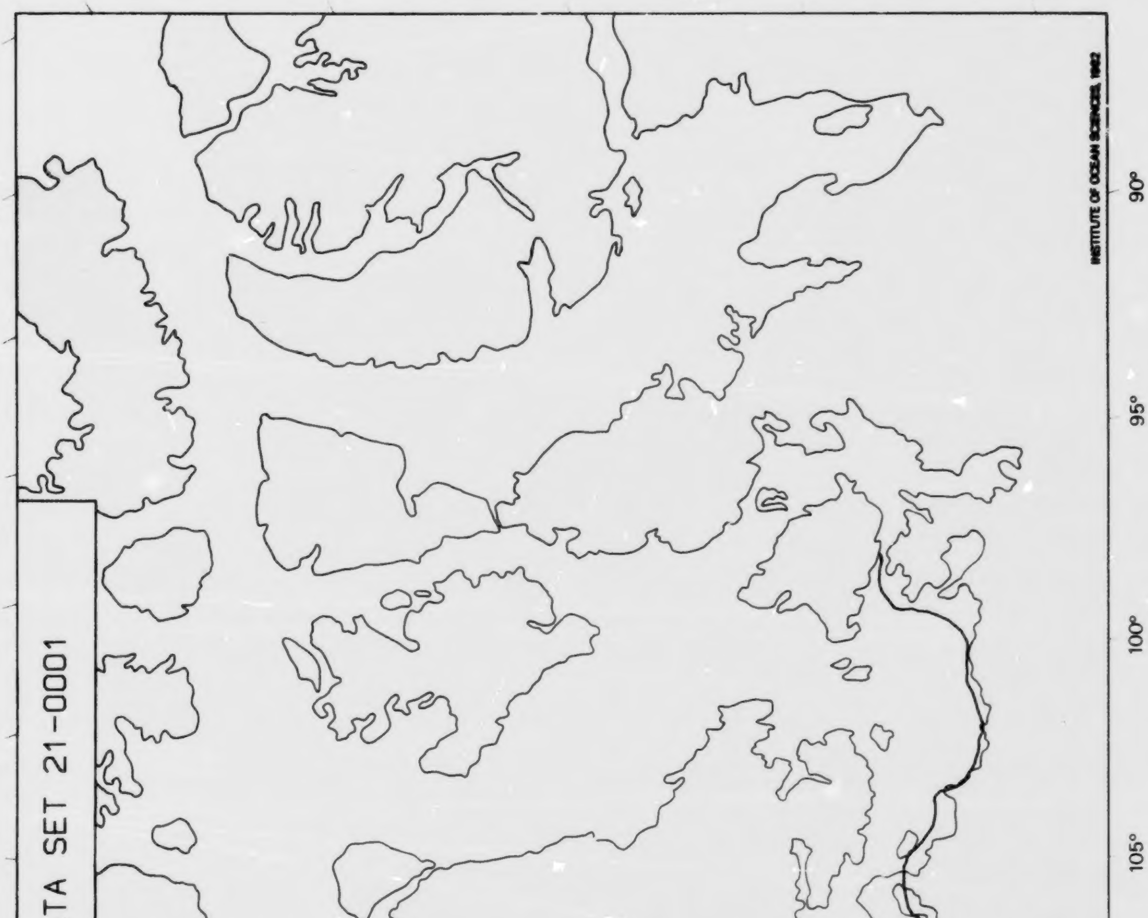
INSTITUTE OF OCEAN SCIENCES, 1982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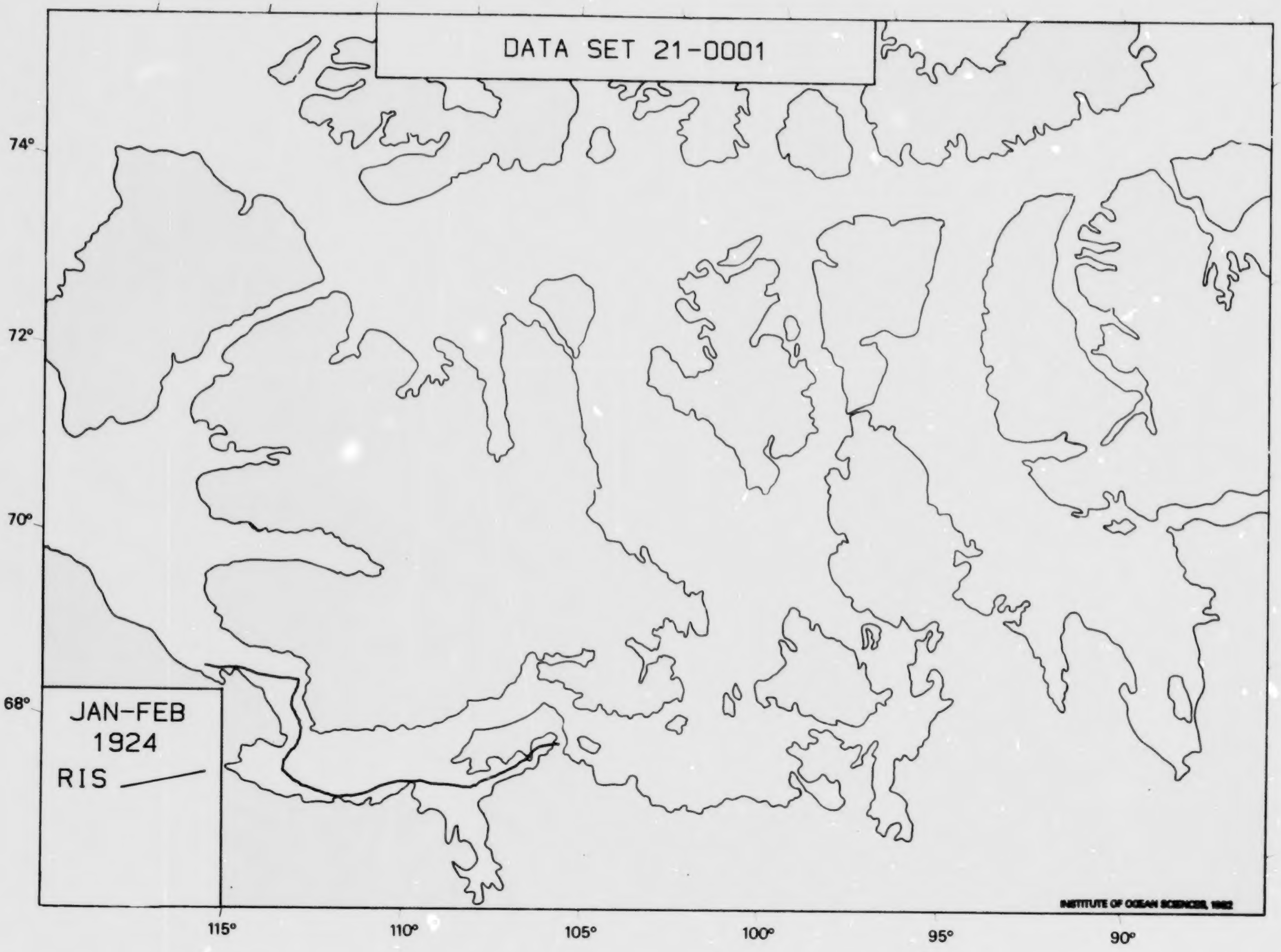
68°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JAN-FEB
1924
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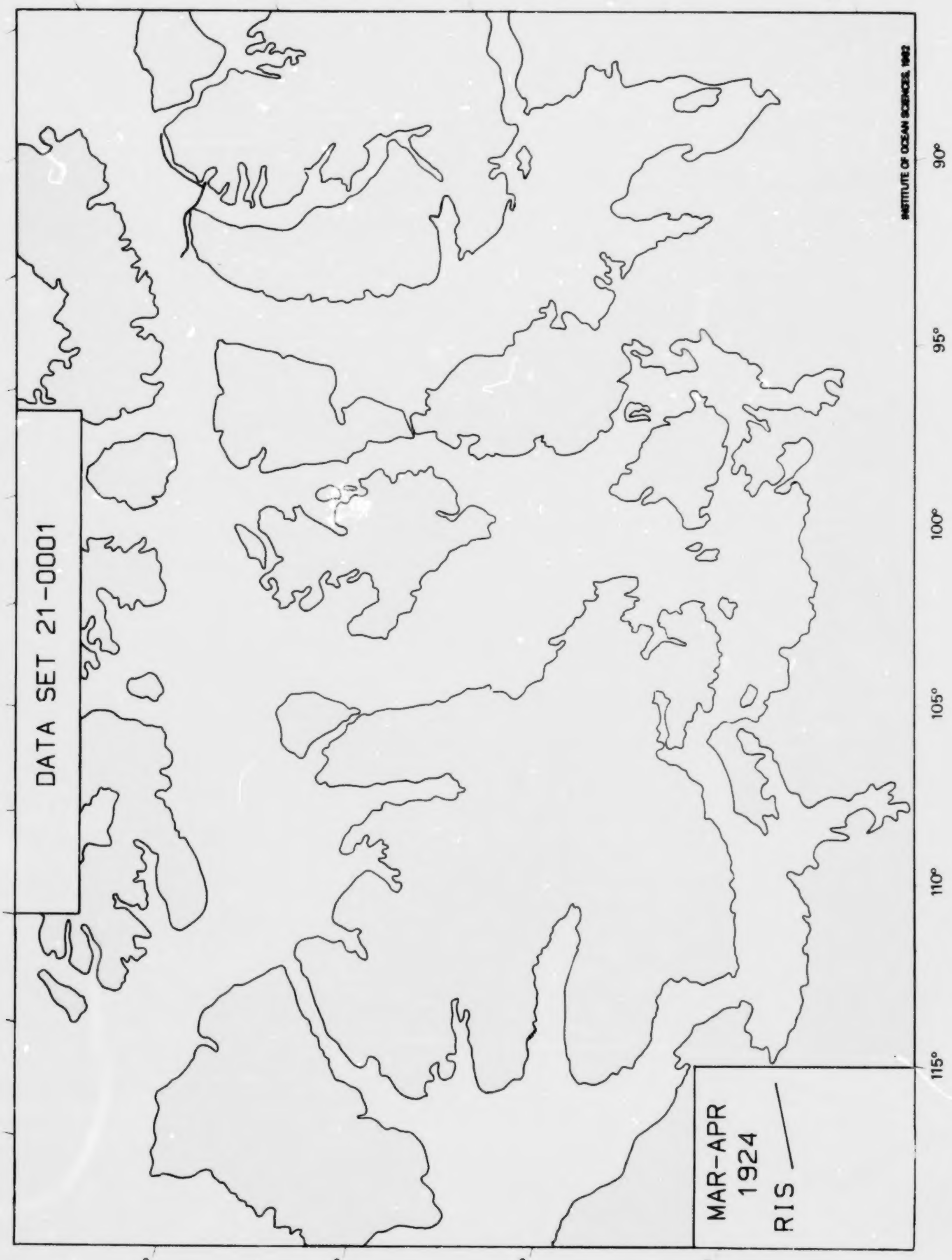
INSTITUTE OF OCEAN SCIENCES, 1982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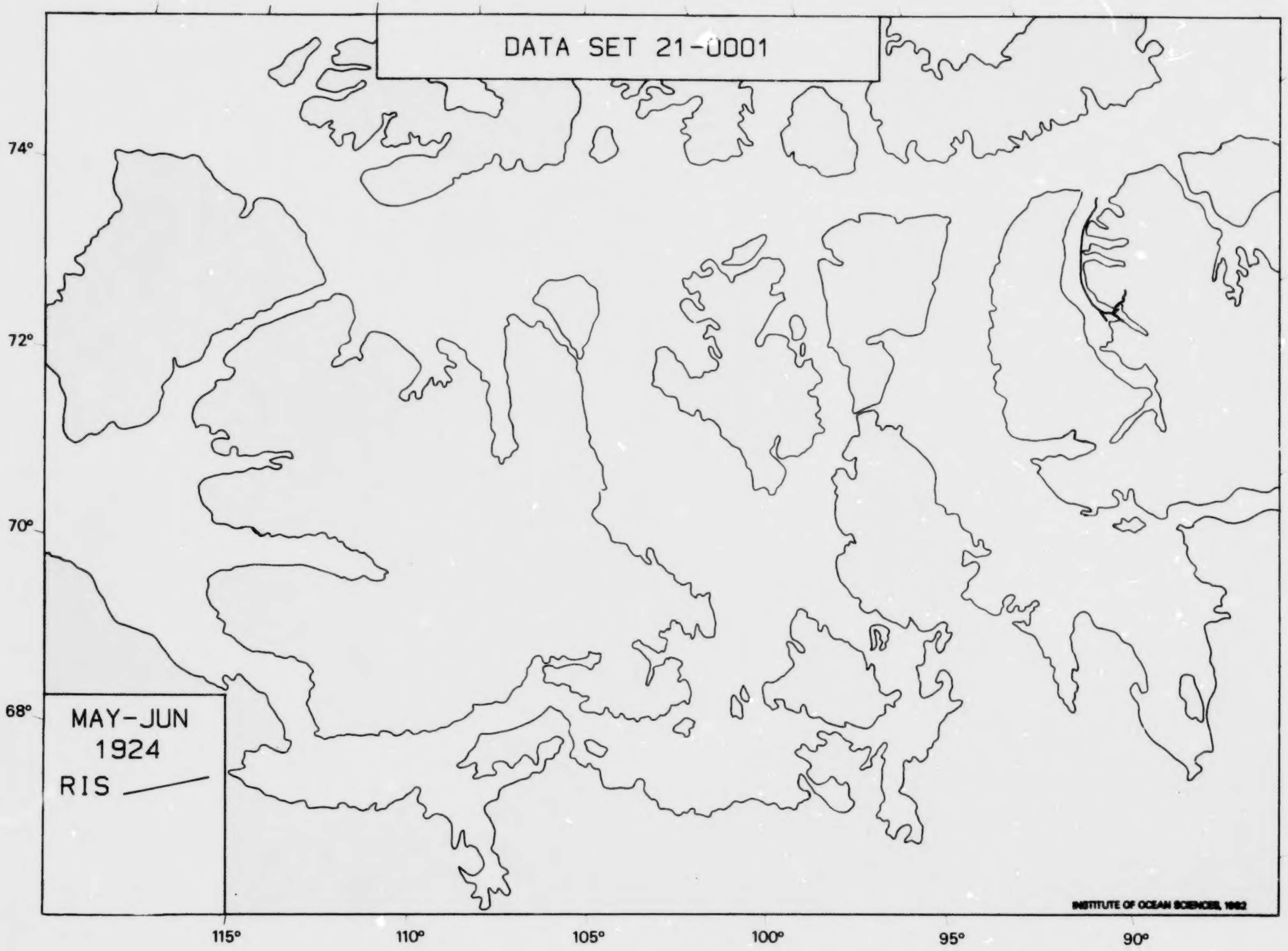
INSTITUTE OF OCEAN SCIENCES, 1982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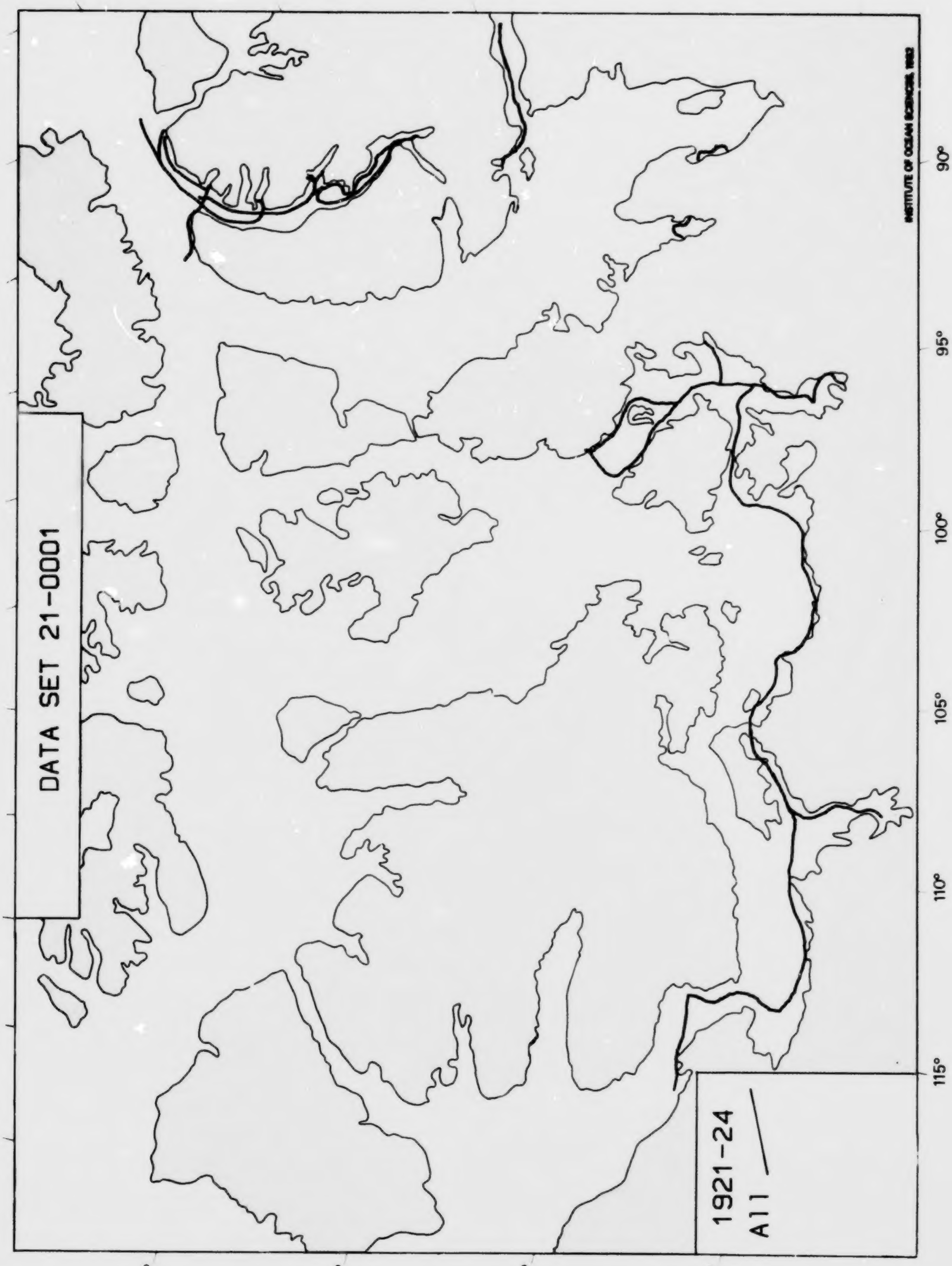
INSTITUTE OF OCEAN SCIENCES, 1982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1921-24
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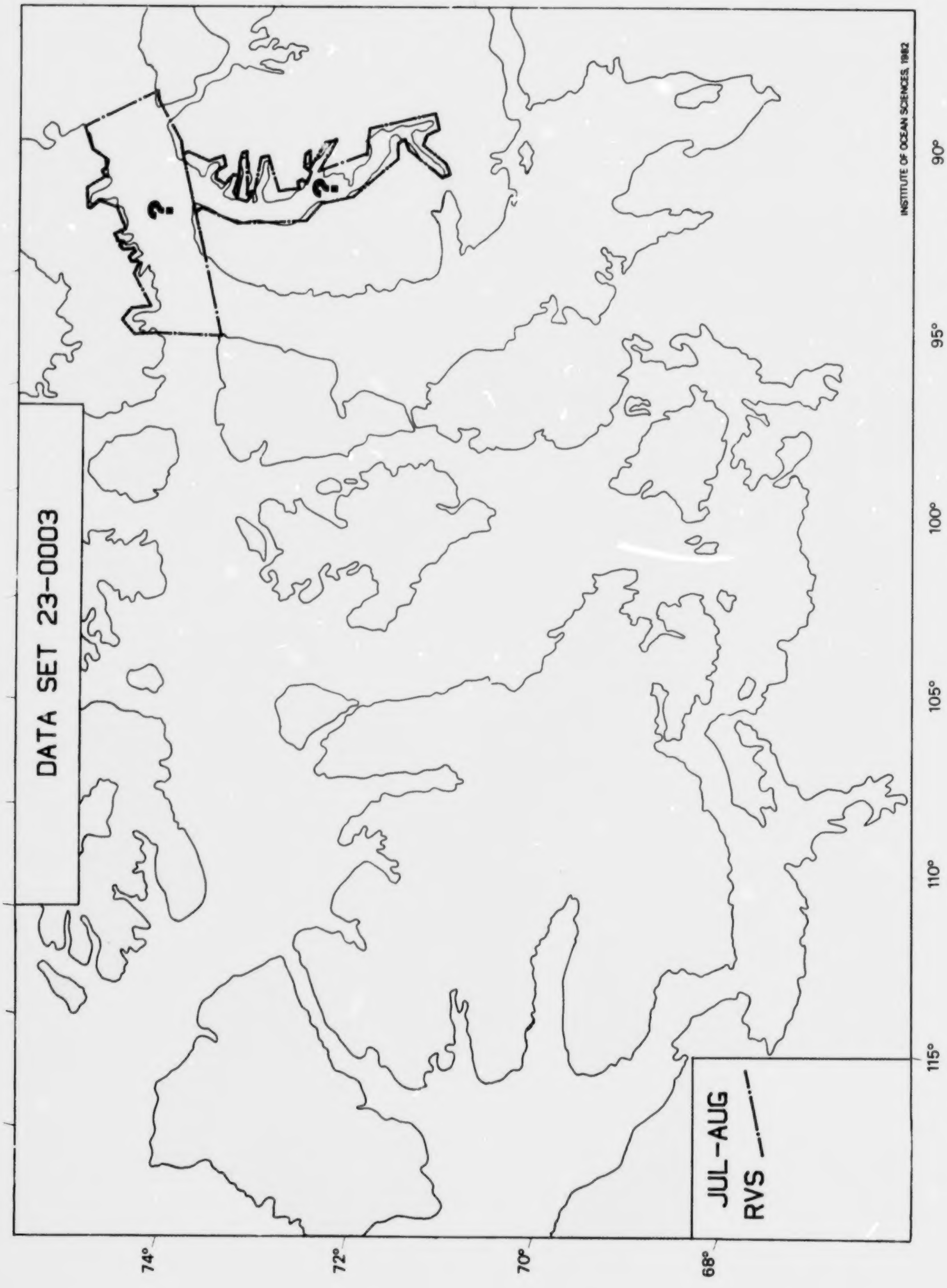
INSTITUTE OF OCEAN SCIENCES, 1982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JUL-AUG
RVS
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INSTITUTE OF OCEAN SCIENCES, 1982
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90°
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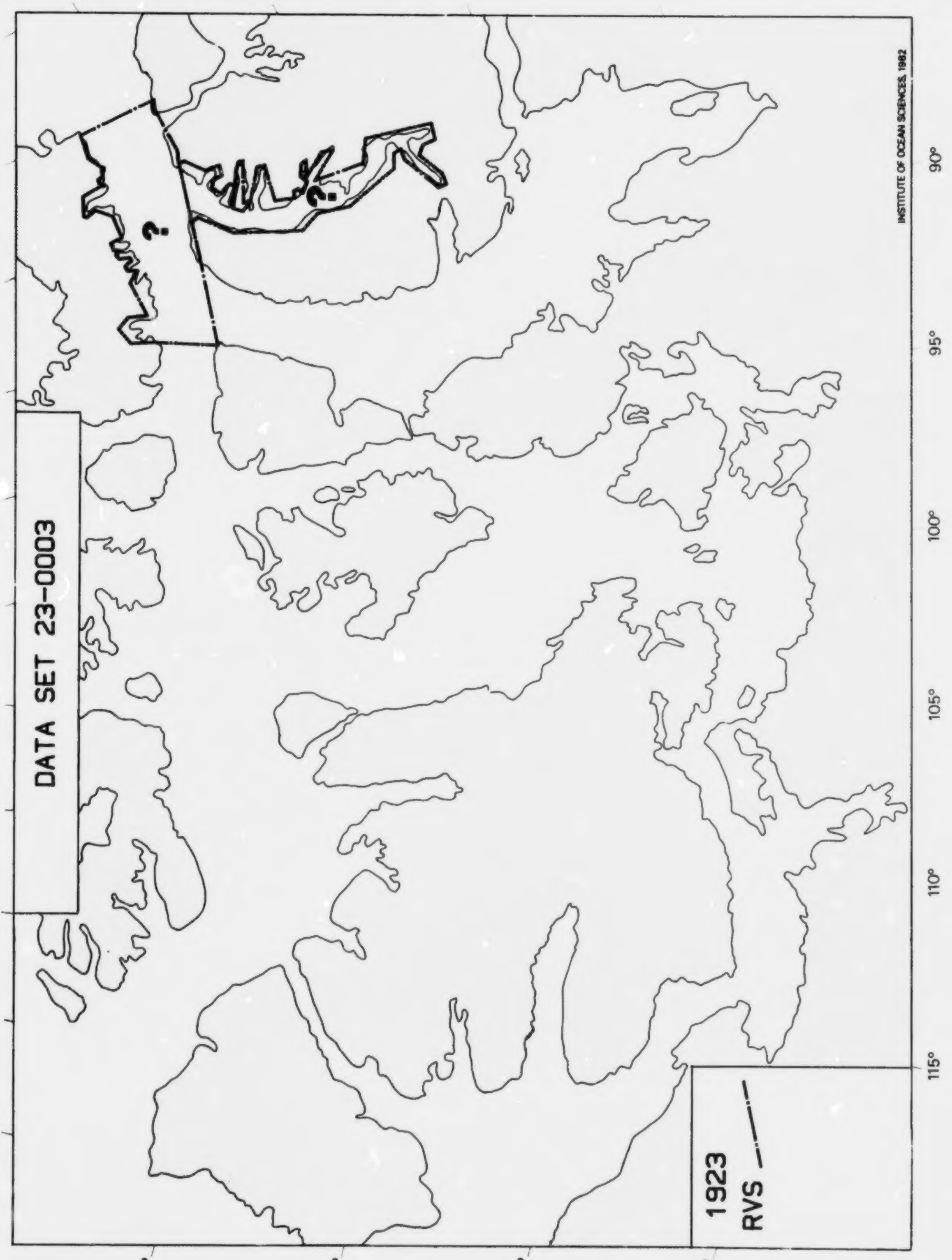
105°
110°
115°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1923
RVS
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INSTITUTE OF OCEAN SCIENCES, 1982
90°
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110°
115°
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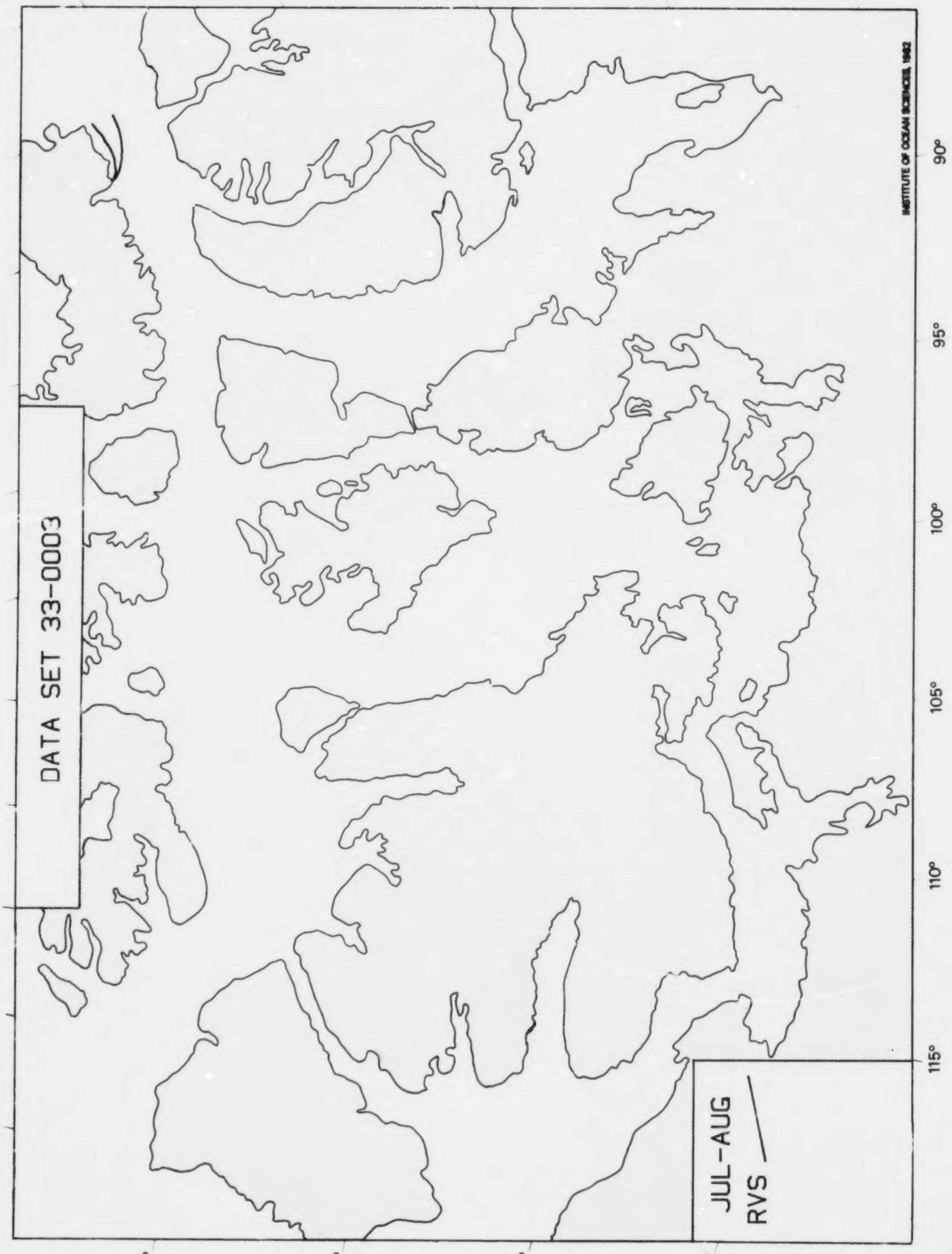
72°
70°
68°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JUL-AUG
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INSTITUTE OF OCEAN SCIENCES, 1982
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110°
115°
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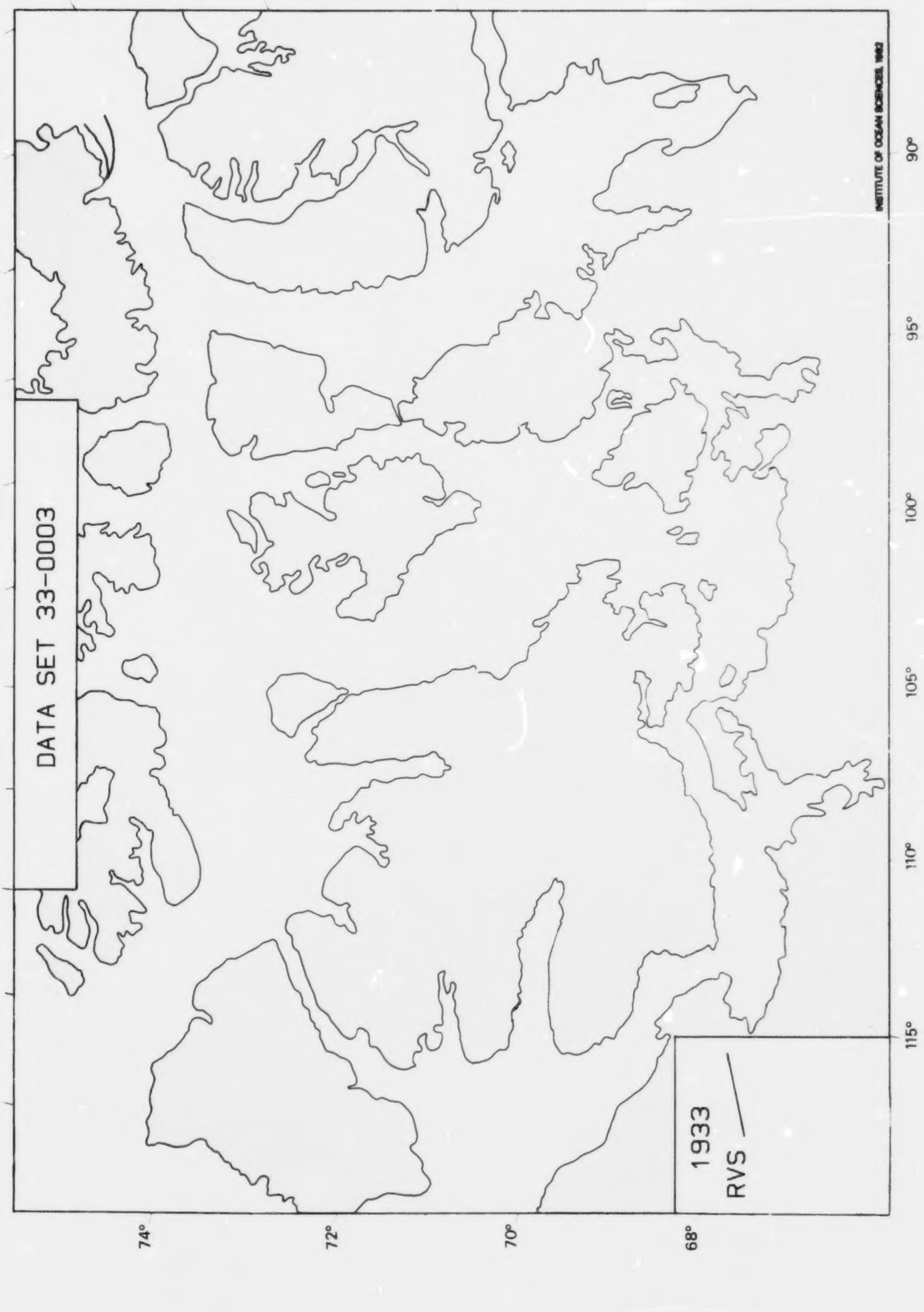
72°
70°
68°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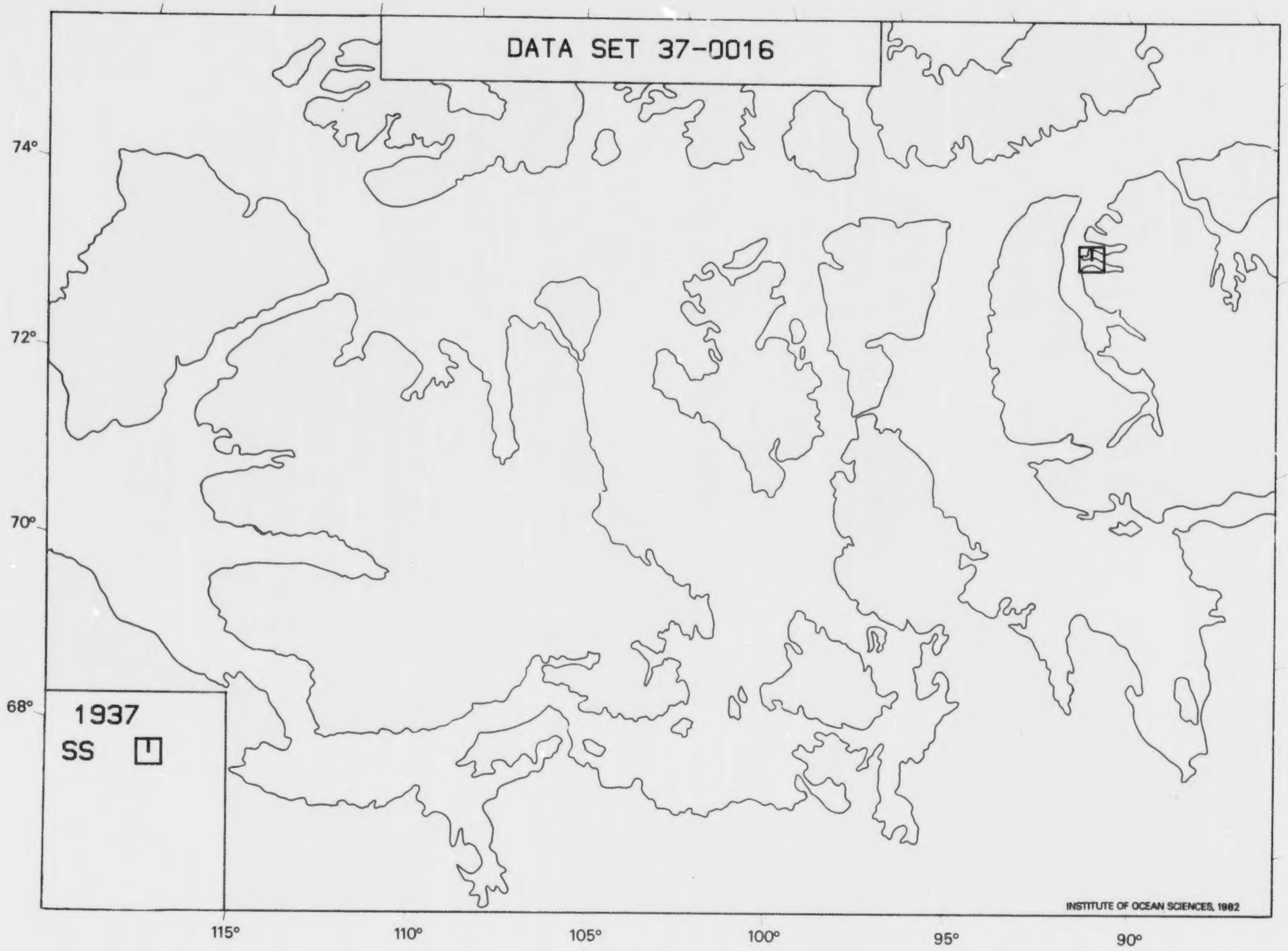
68°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1937
SS
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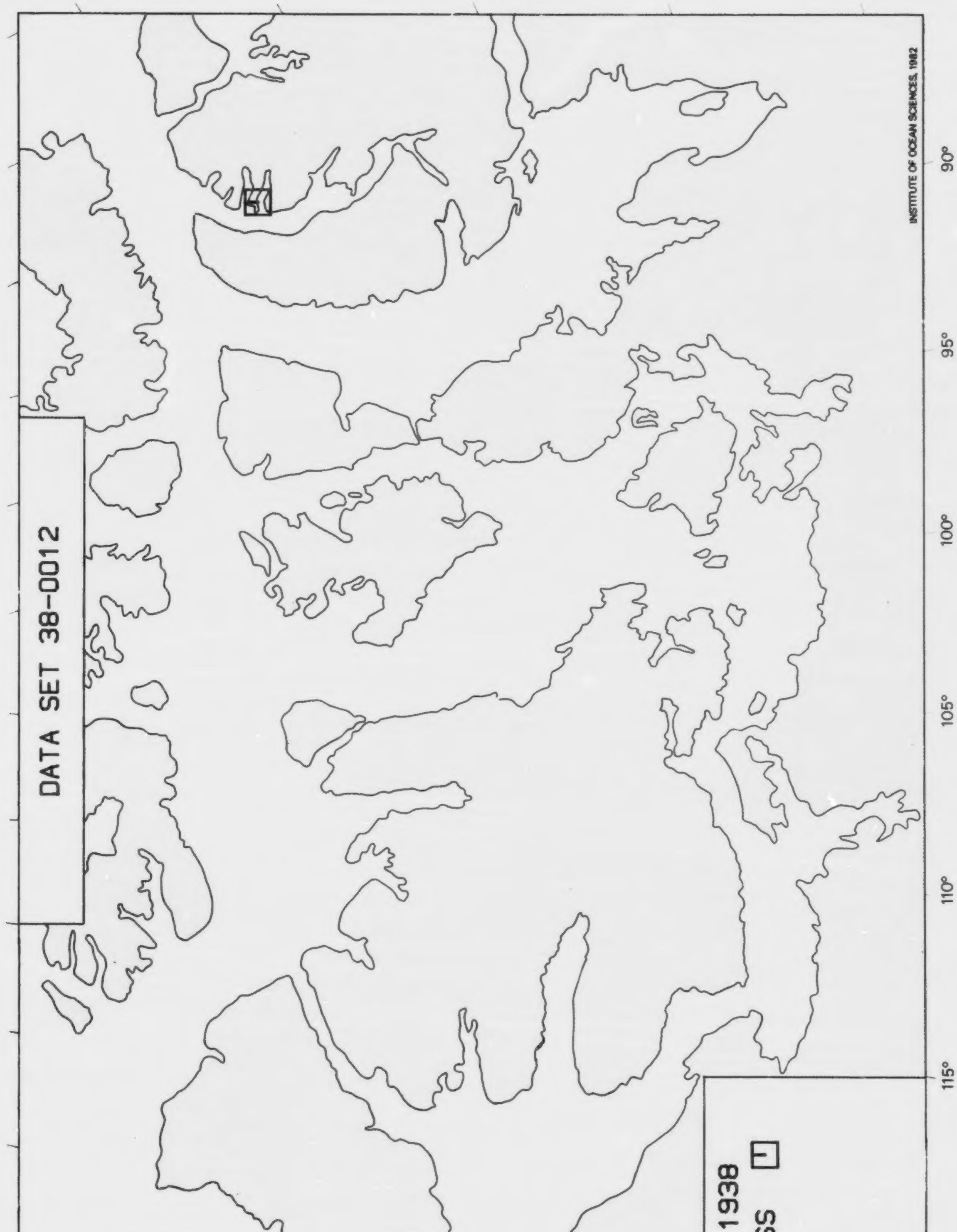
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 38-0012
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INSTITUTE OF OCEAN SCIENCES, 1982
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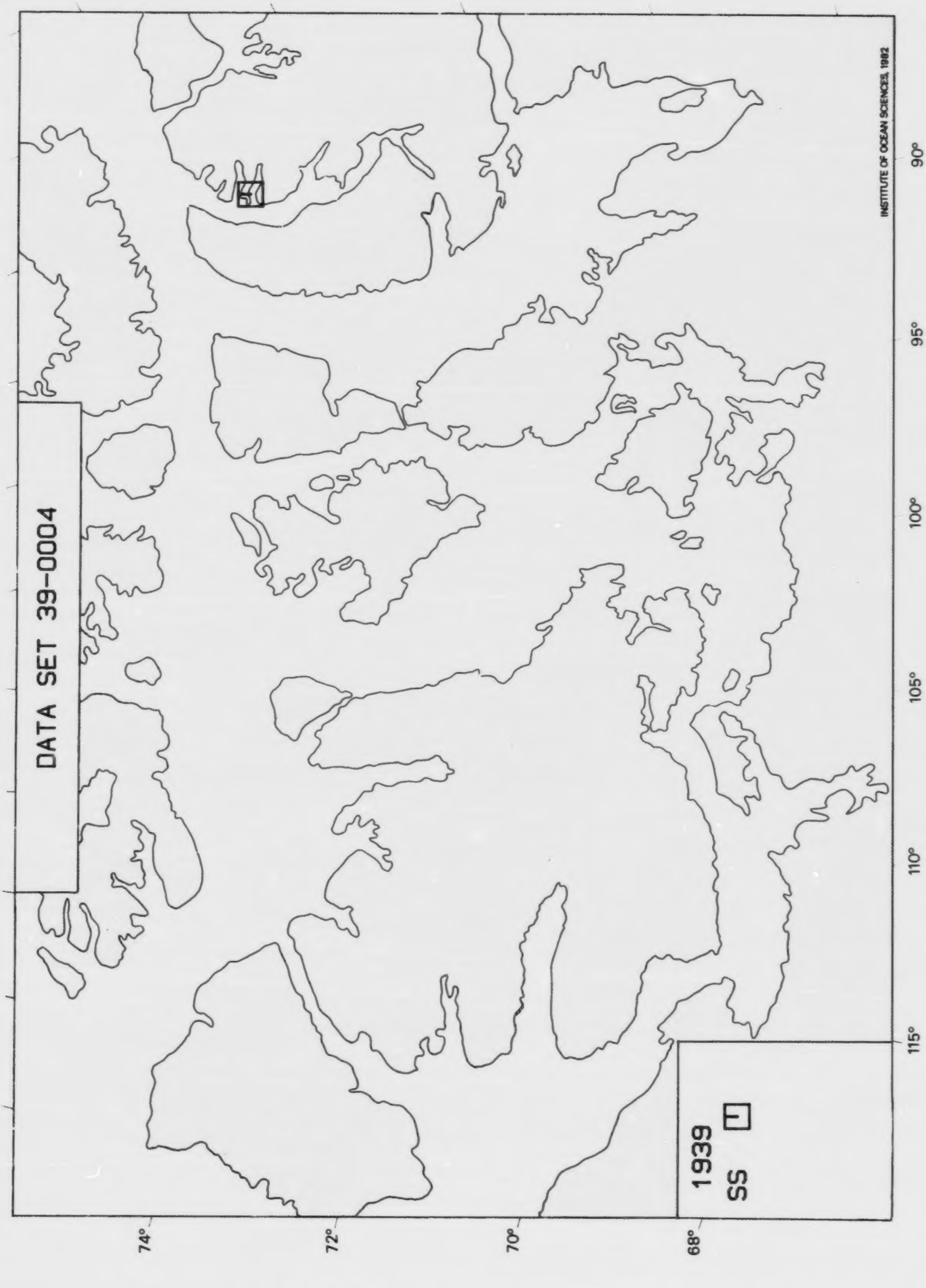
68°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1939
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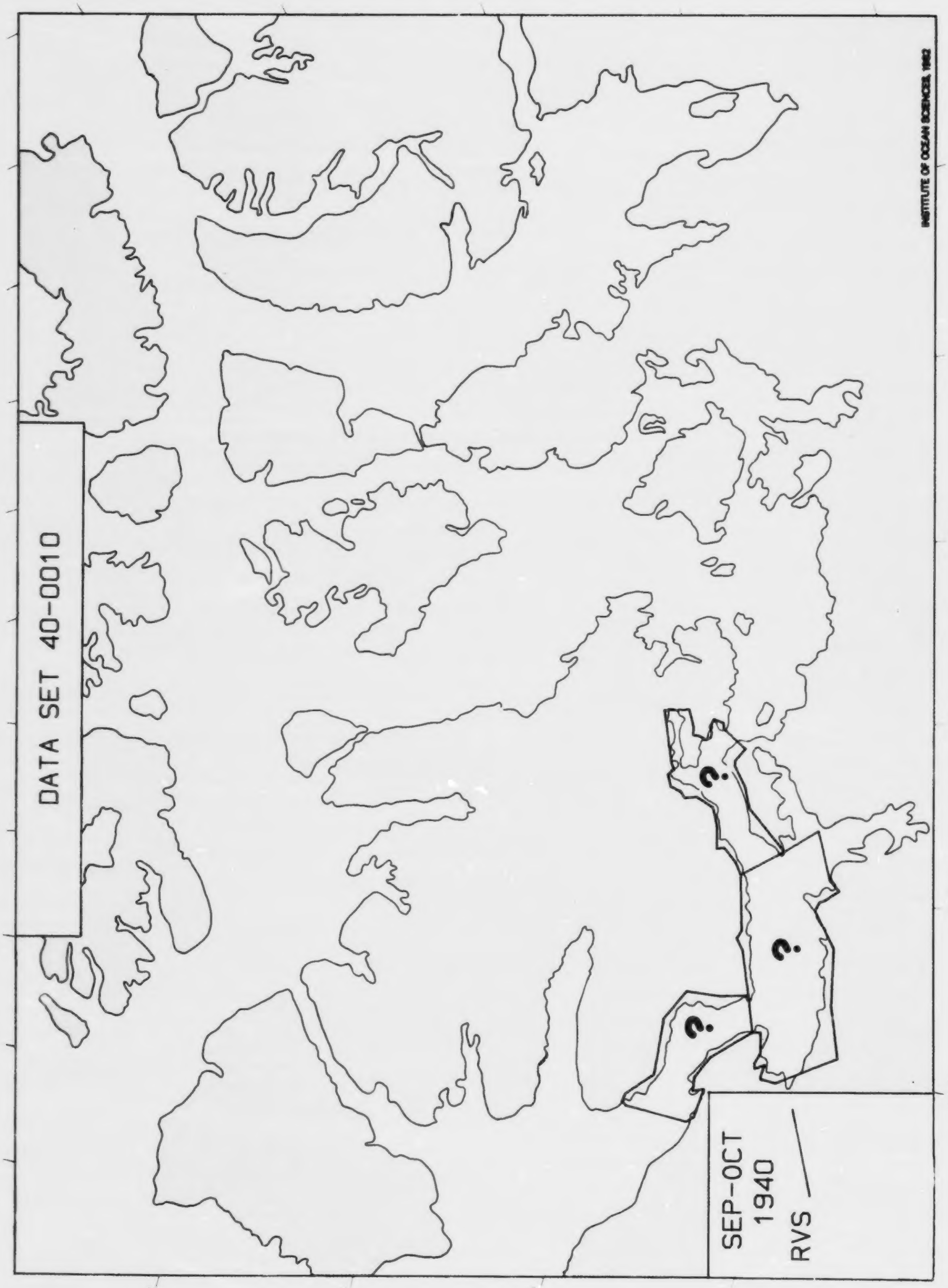
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 40-0010
SEP-OCT
1940
RVS
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?
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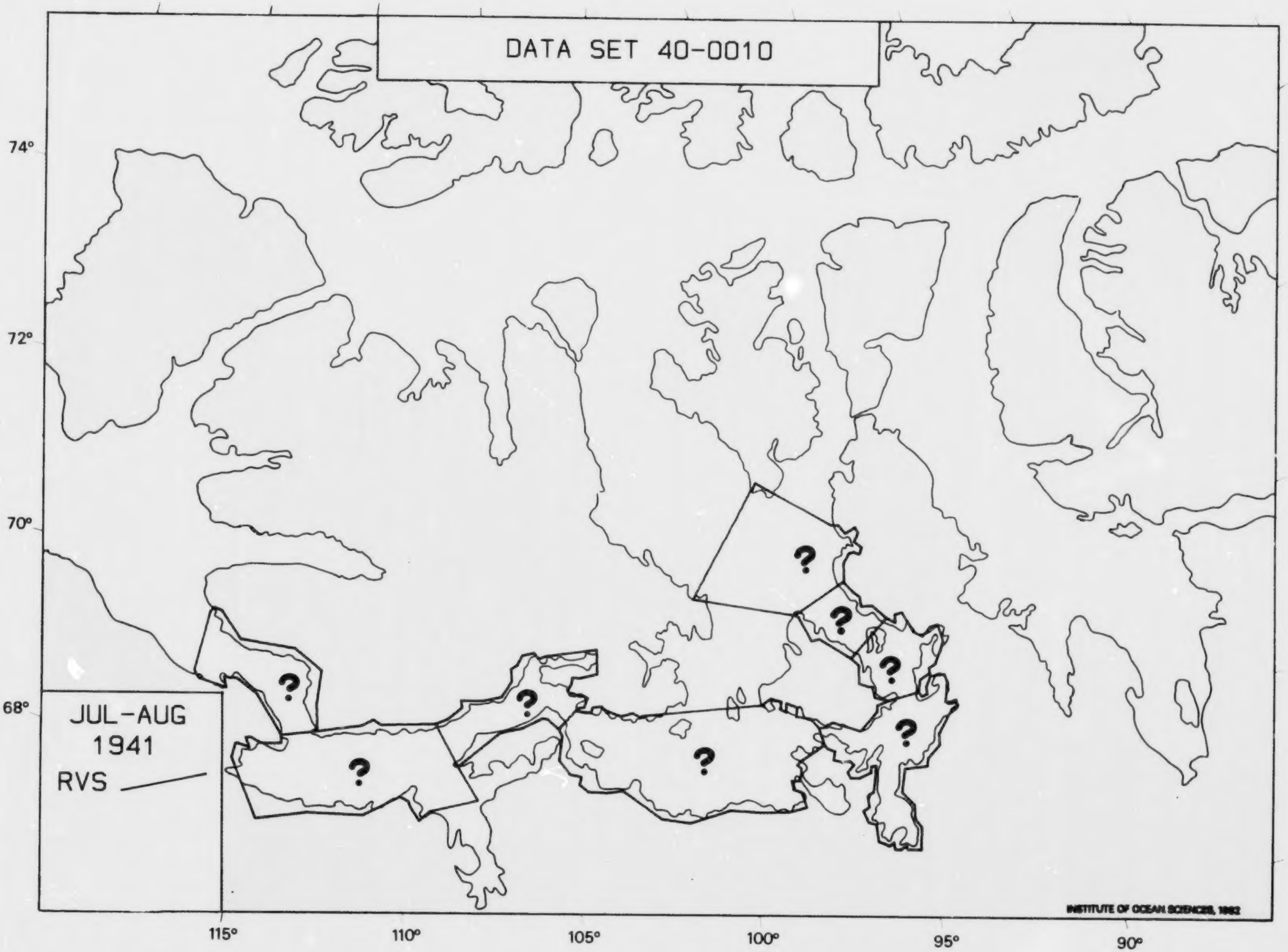
INSTITUTE OF OCEAN SCIENCES, 1982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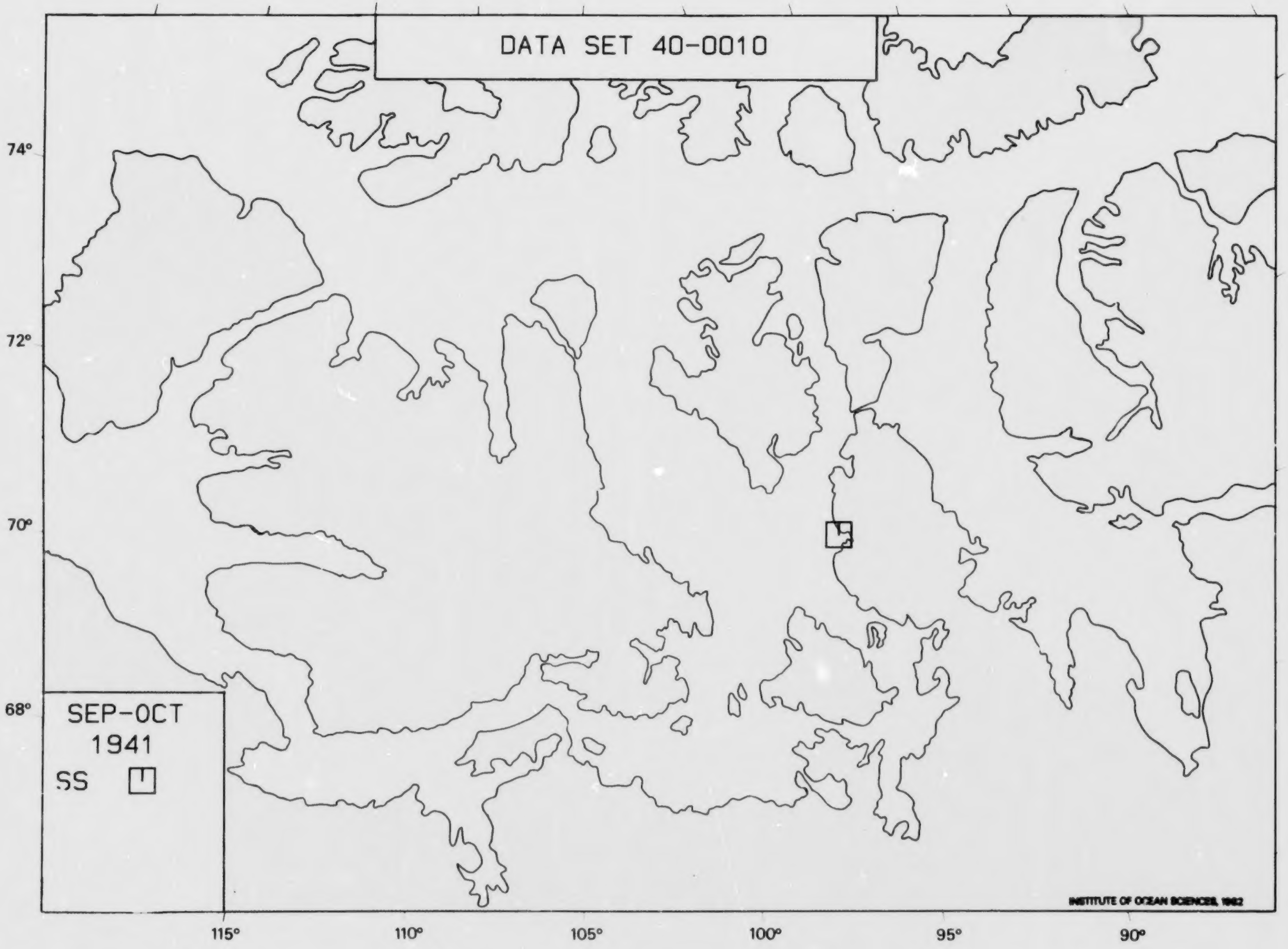
JUL-AUG
1941
RVS
INSTITUTE OF OCEAN SCIENCES, 1982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SEP-OCT
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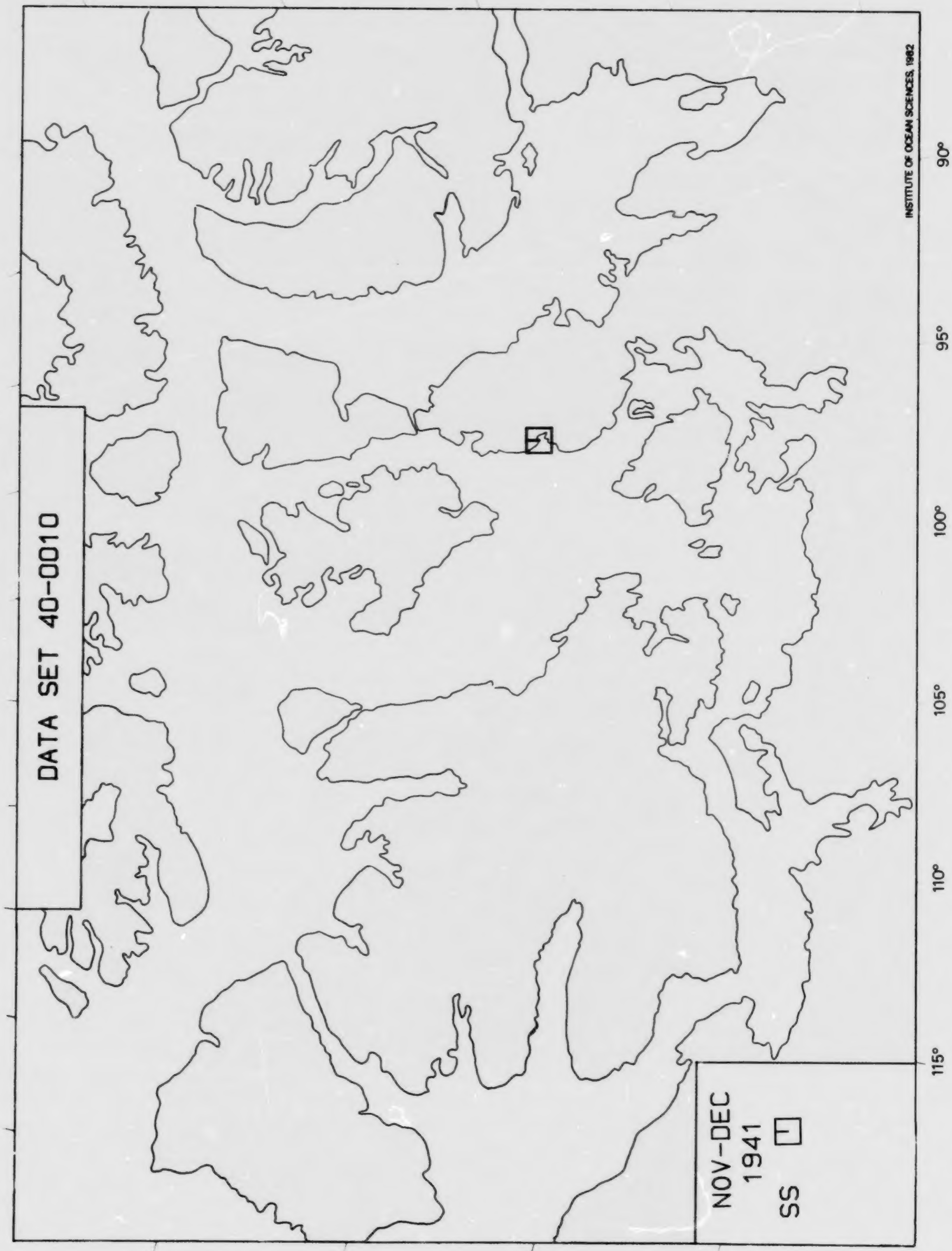
SS
INSTITUTE OF OCEAN SCIENCES, 1982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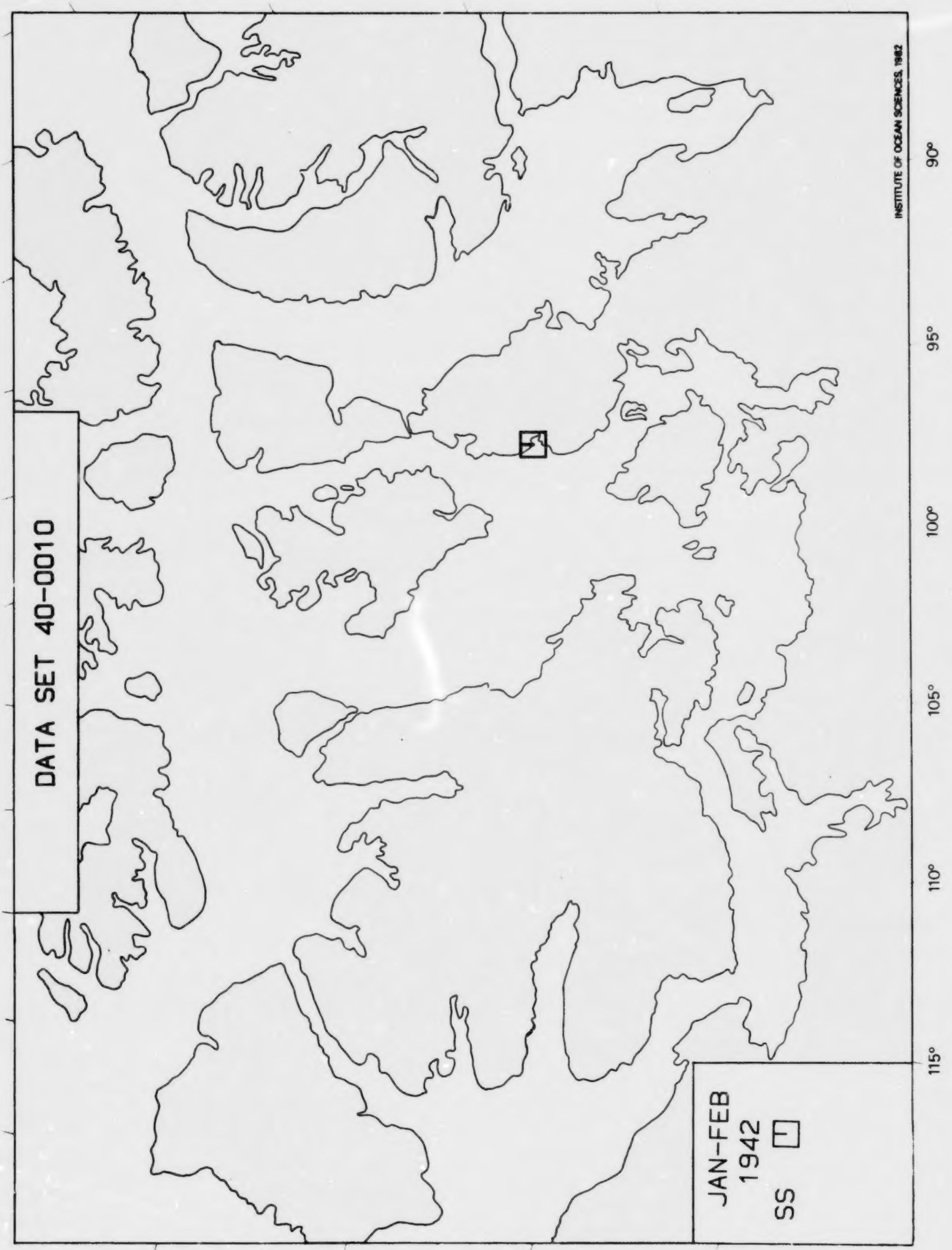
INSTITUTE OF OCEAN SCIENCES, 1982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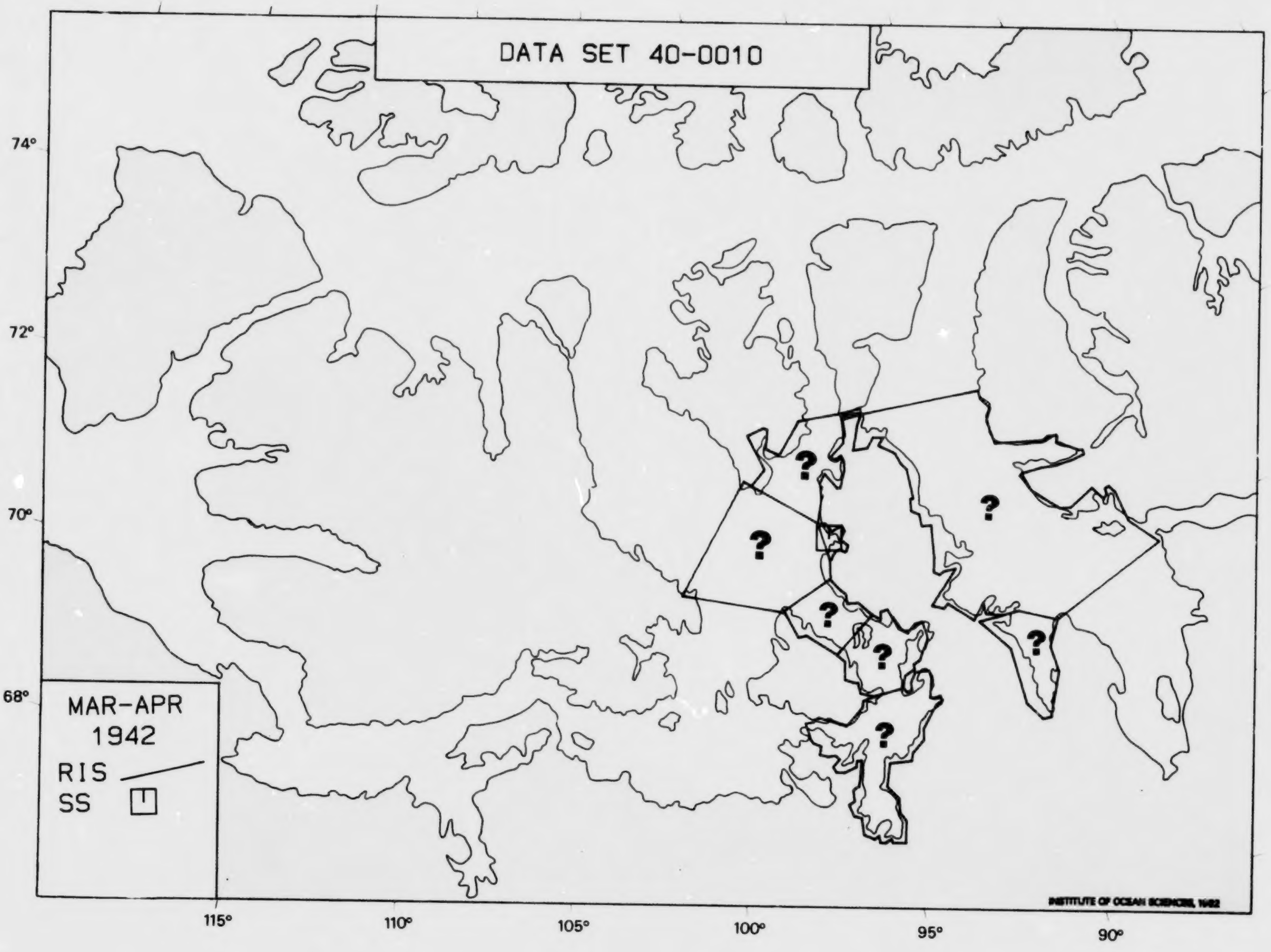
INSTITUTE OF OCEAN SCIENCES, 1982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MAR-APR
1942
RIS
SS
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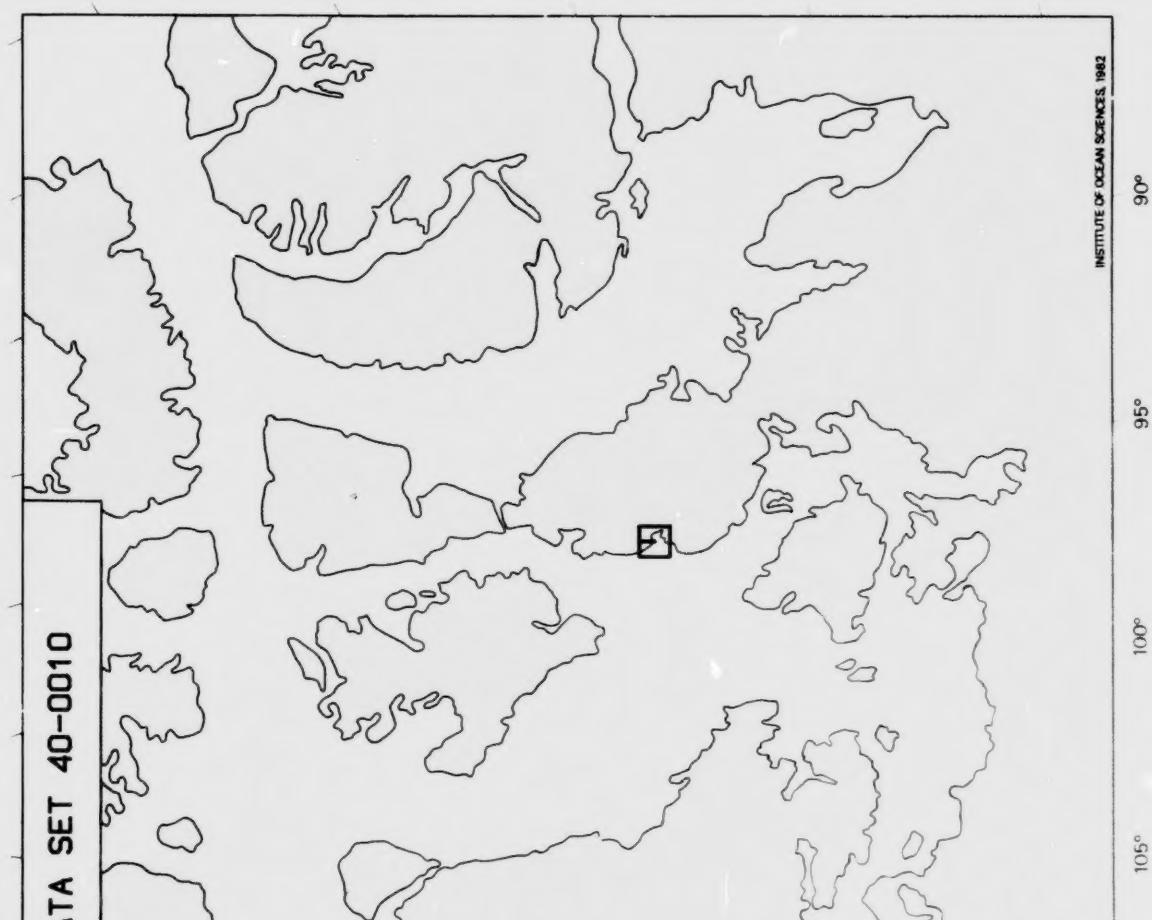
INSTITUTE OF OCEAN SCIENCES, 1982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MAY–JUN
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INSTITUTE OF OCEAN SCIENCES, 1982
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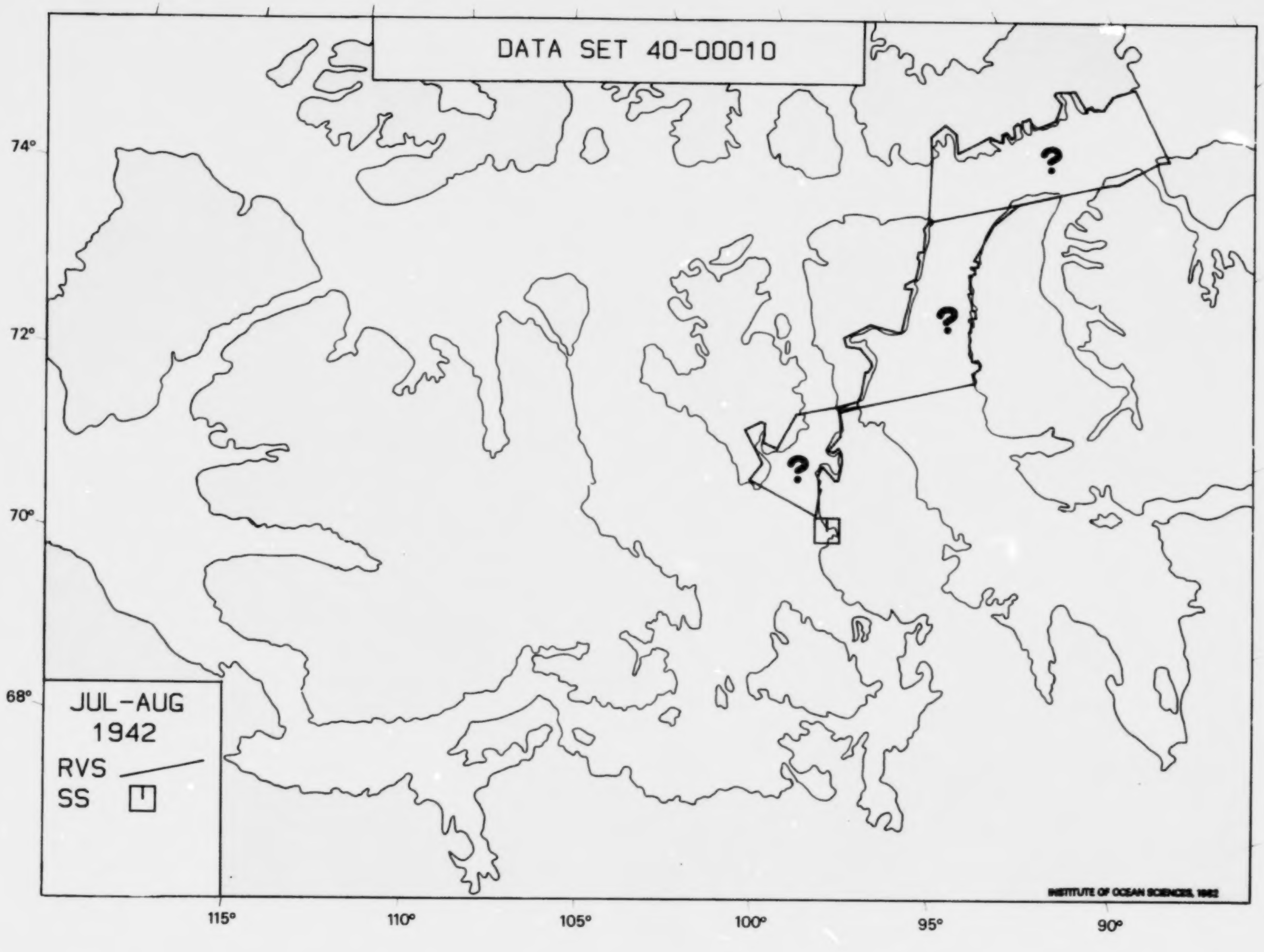
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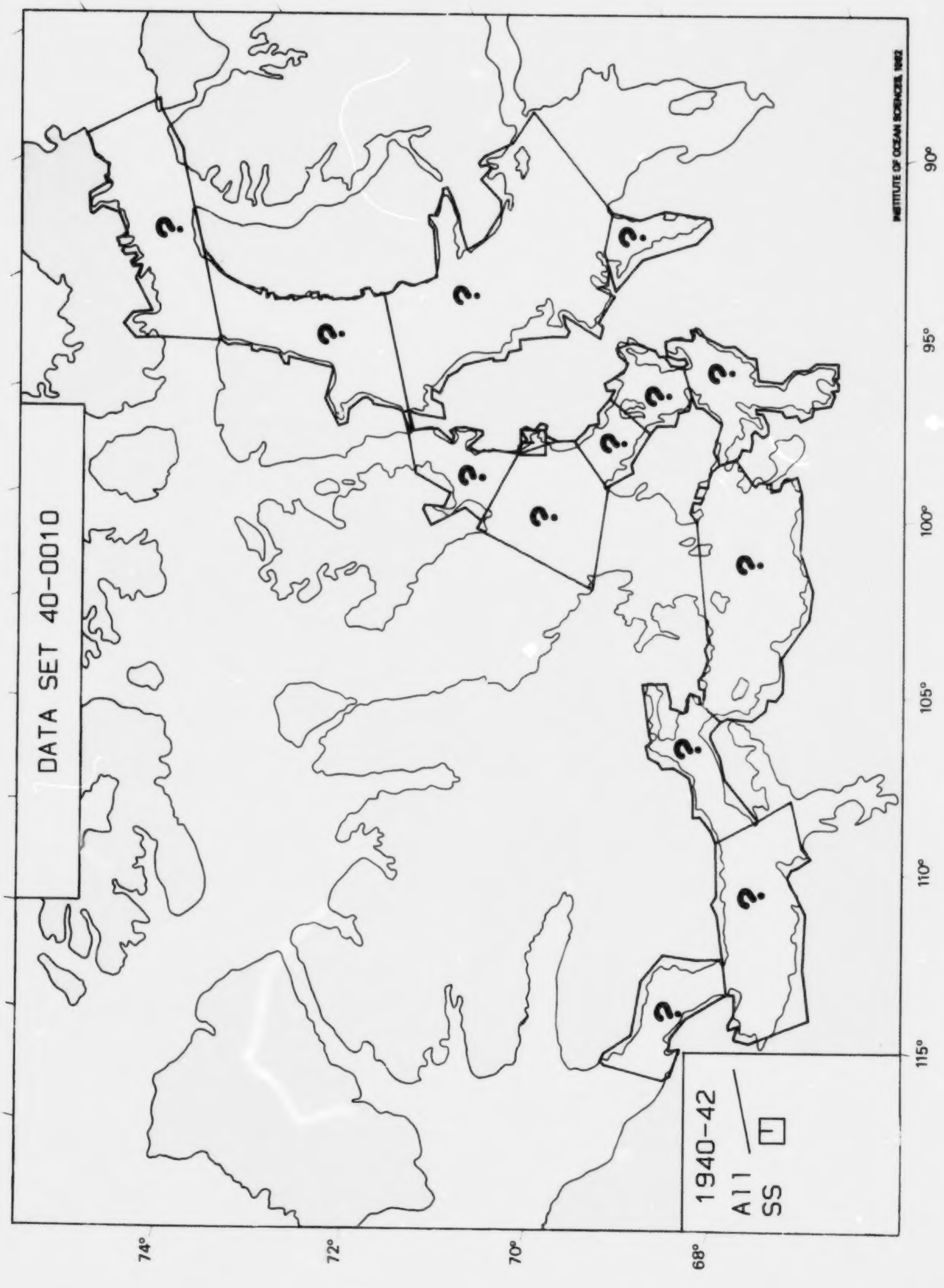
JUL-AUG
1942
RVS
SS
INSTITUTE OF OCEAN SCIENCES, 1982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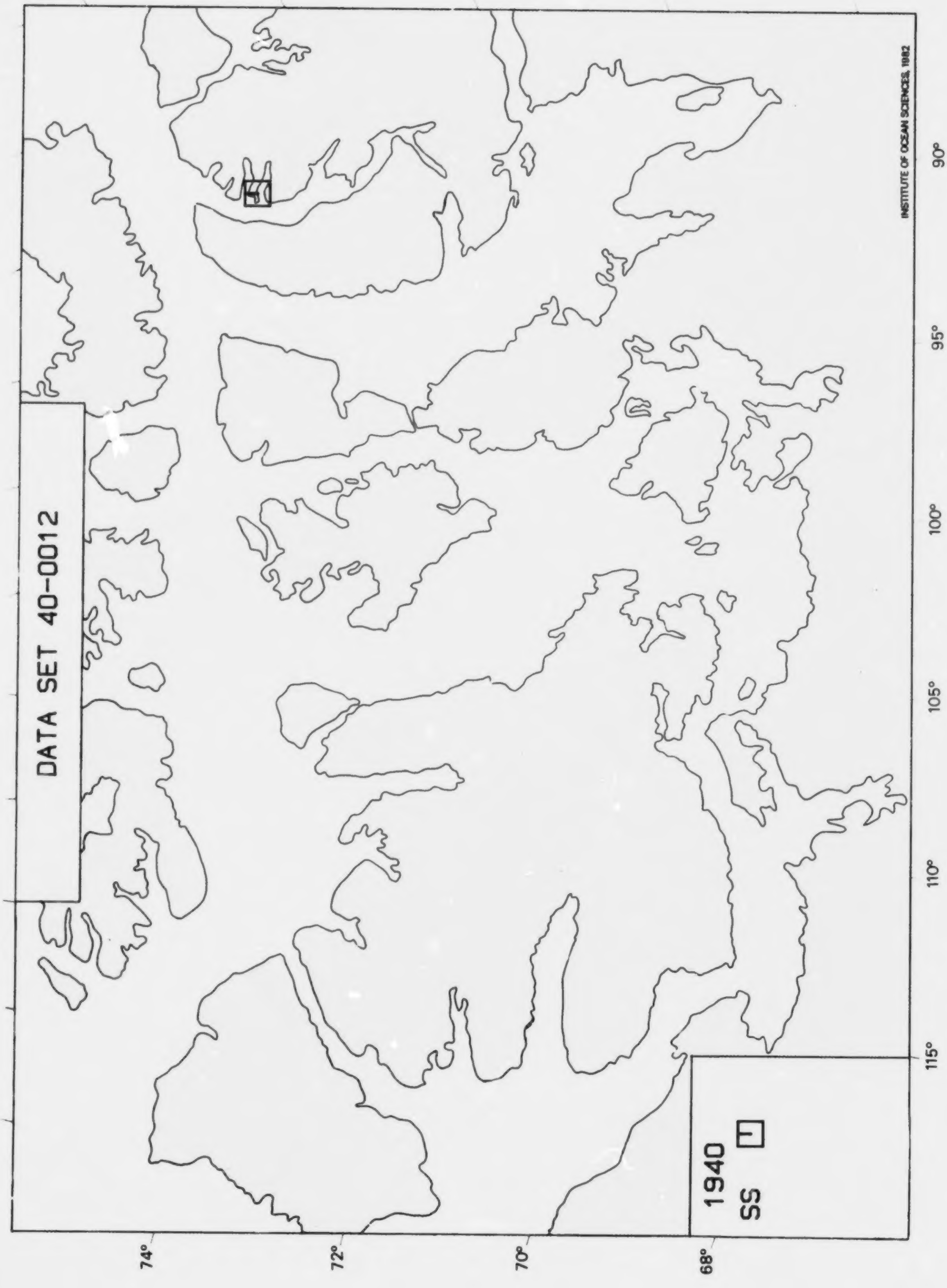
INSTITUTE OF OCEAN SCIENCES, 1982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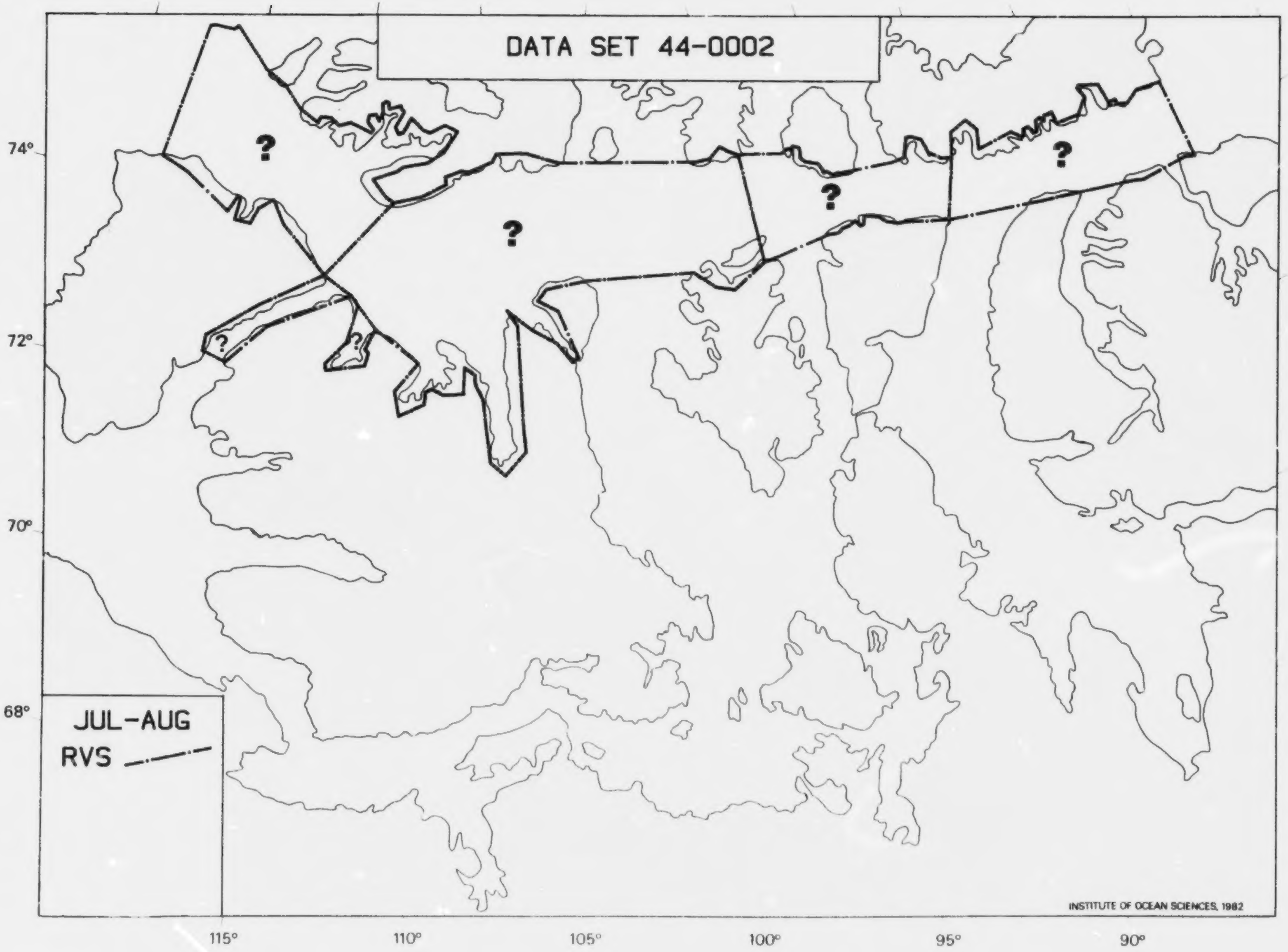

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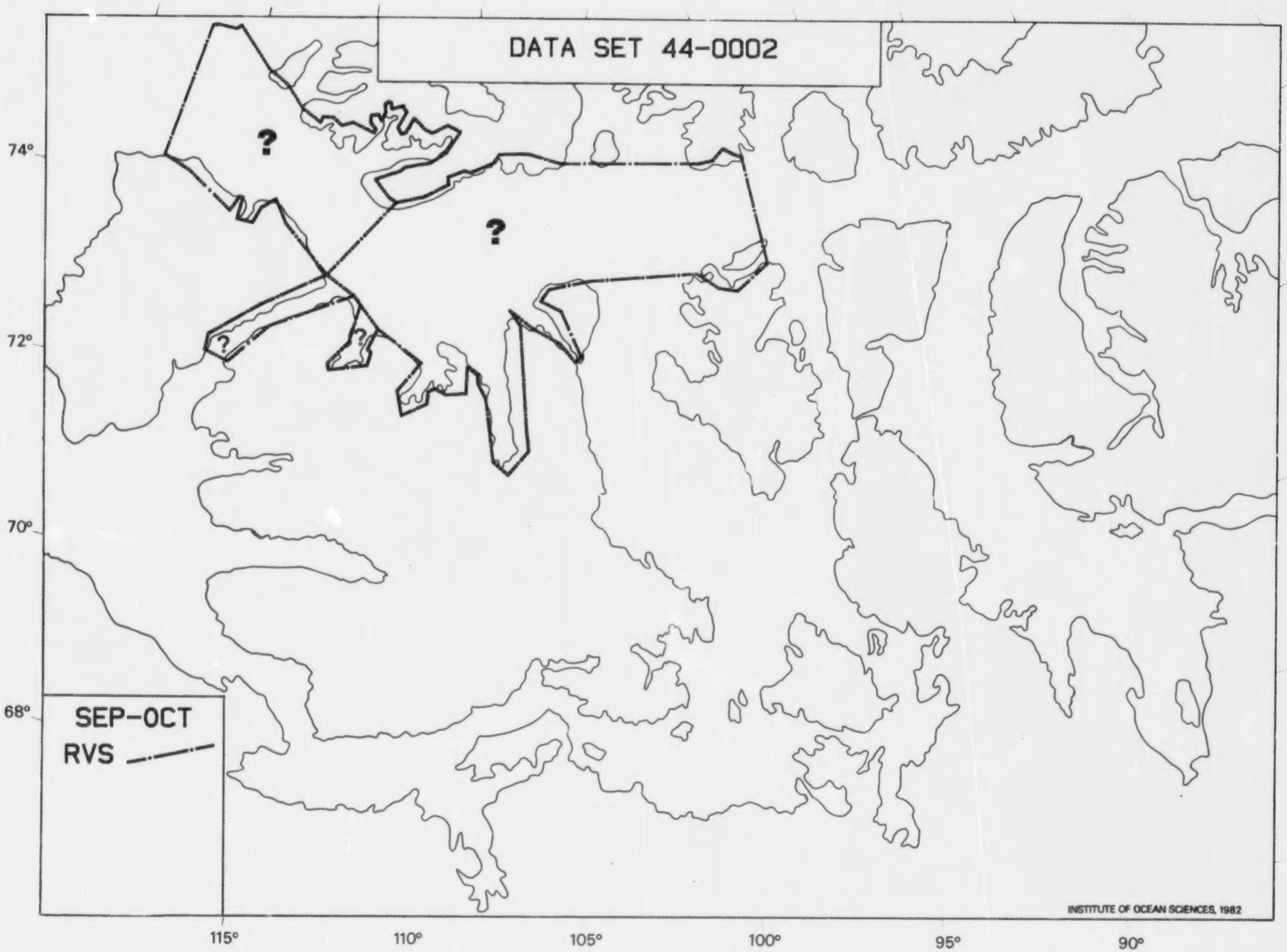
JUL-AUG
RVS
INSTITUTE OF OCEAN SCIENCES, 1982



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SEP-OCT
RVS
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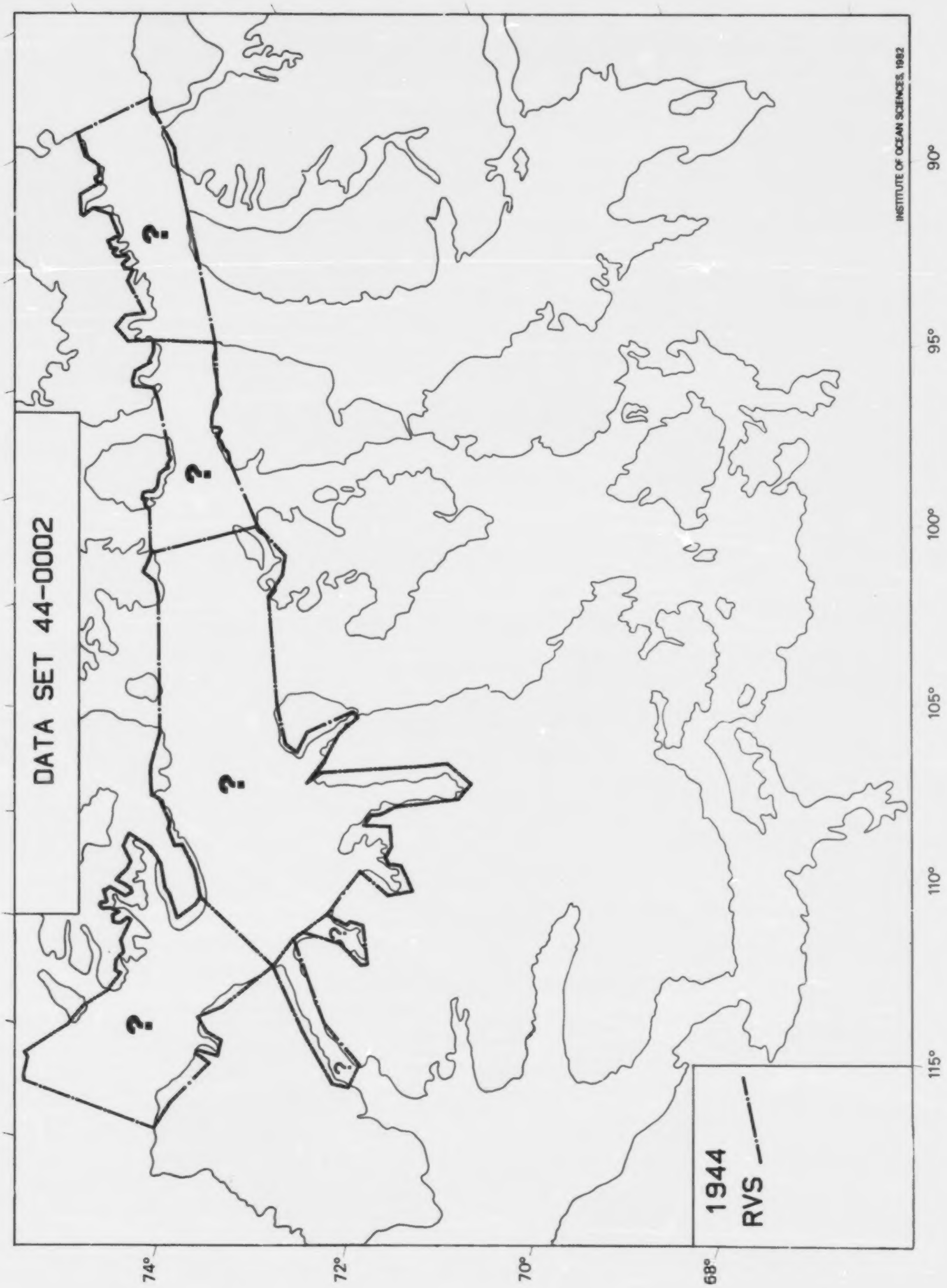
INSTITUTE OF OCEAN SCIENCES, 1982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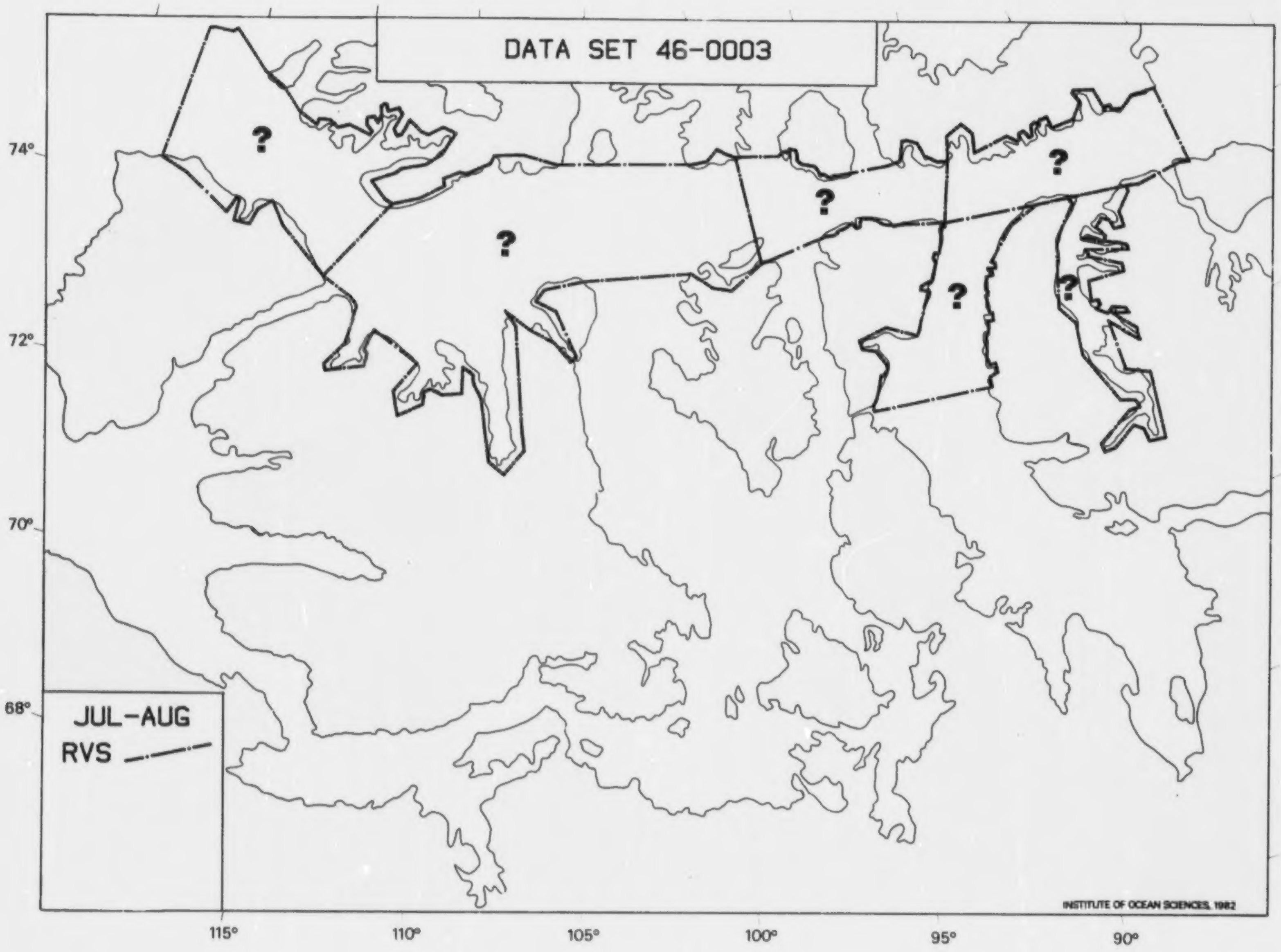
68°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JUL-AUG
RVS
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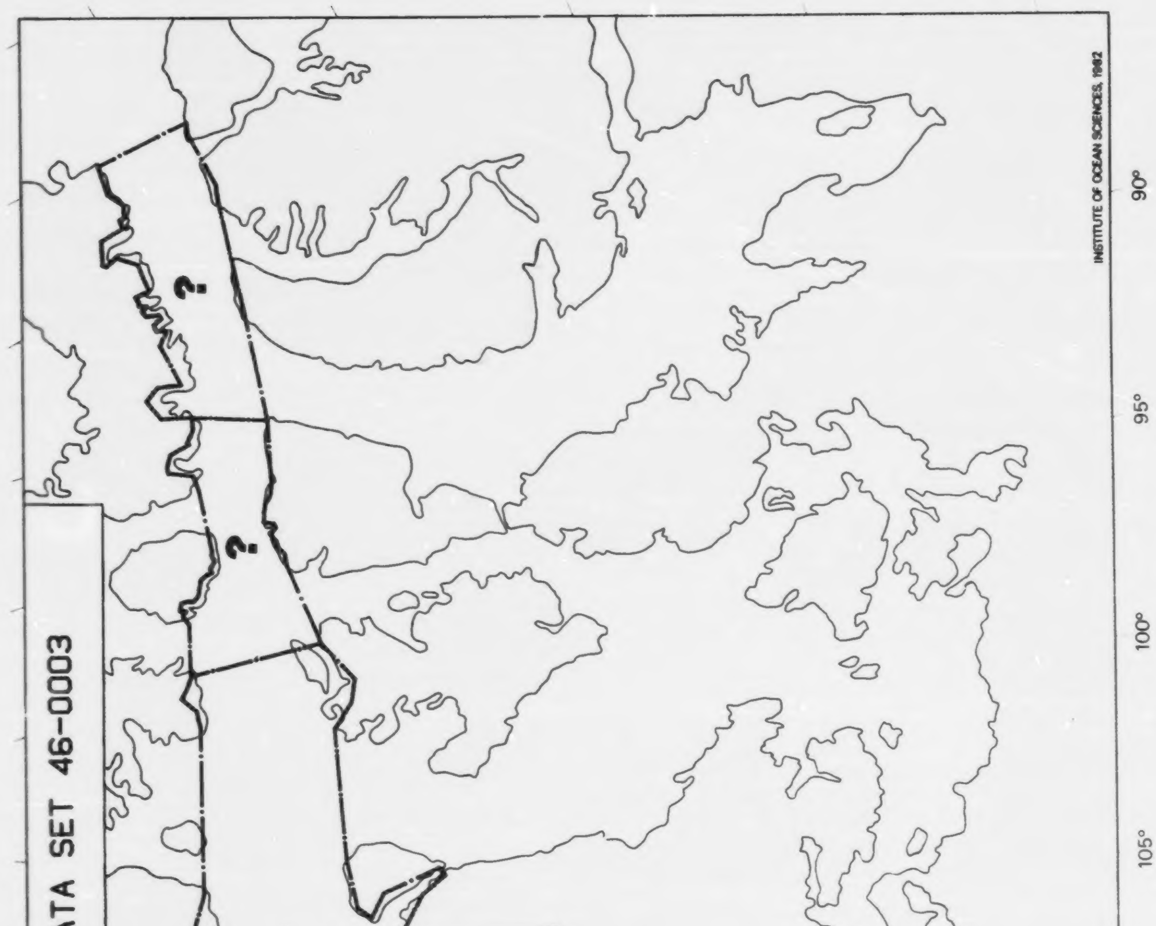
90°
INSTITUTE OF OCEAN SCIENCES, 1982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SEP-OCT
RVS
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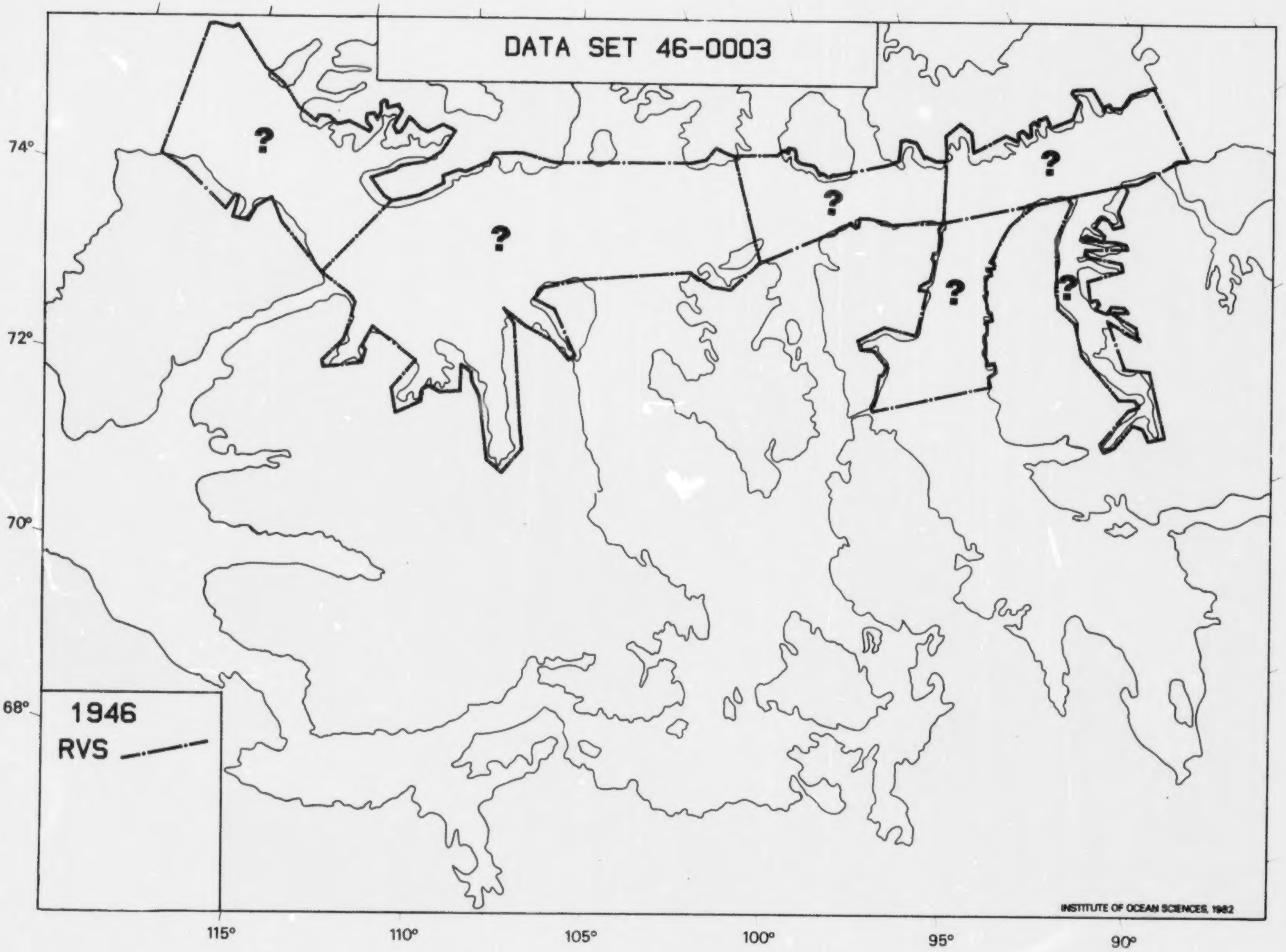
INSTITUTE OF OCEAN SCIENCES, 1982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1946
RVS
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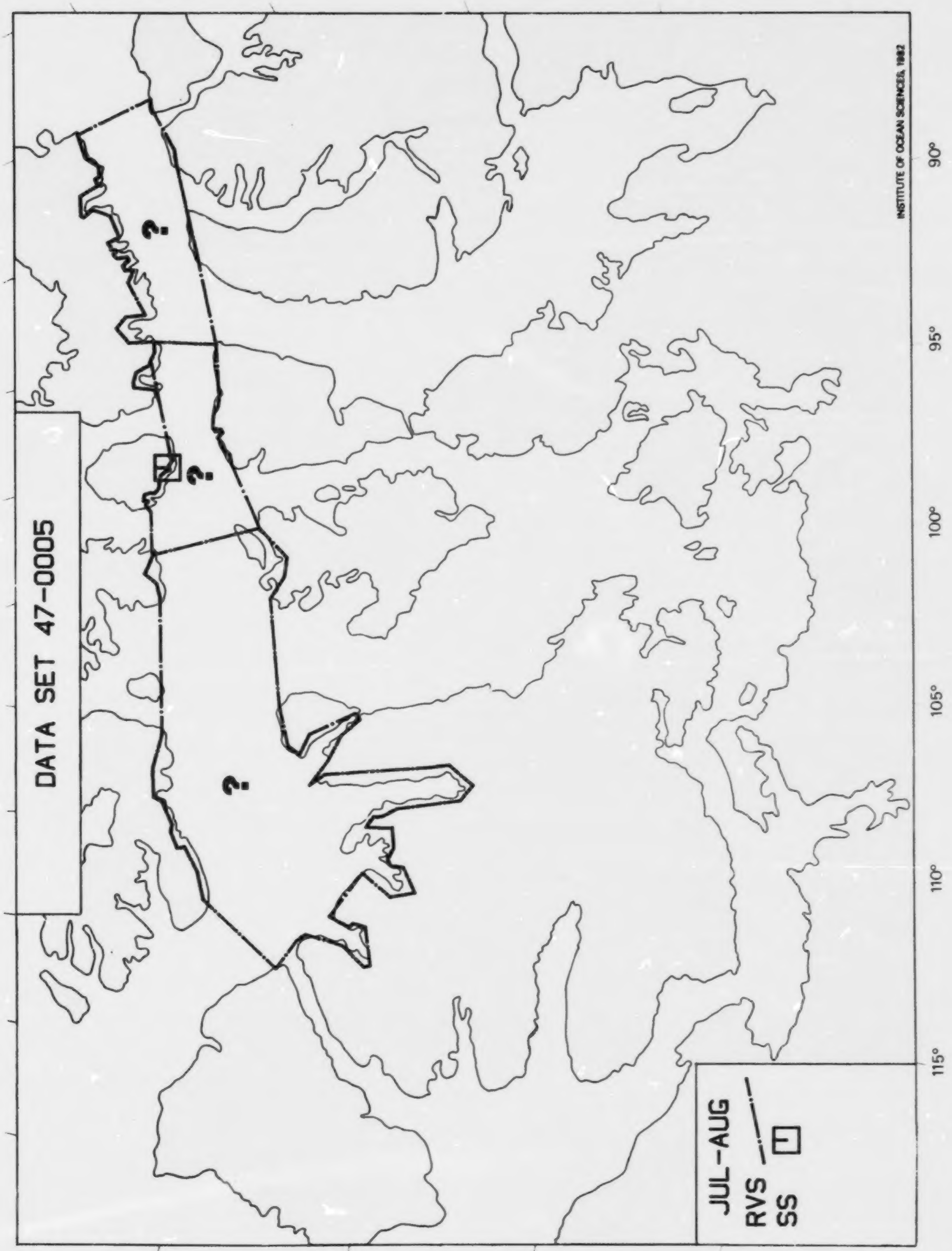
INSTITUTE OF OCEAN SCIENCES, 1982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JUL-AUG
RVS
SS
INSTITUTE OF OCEAN SCIENCES, 1982
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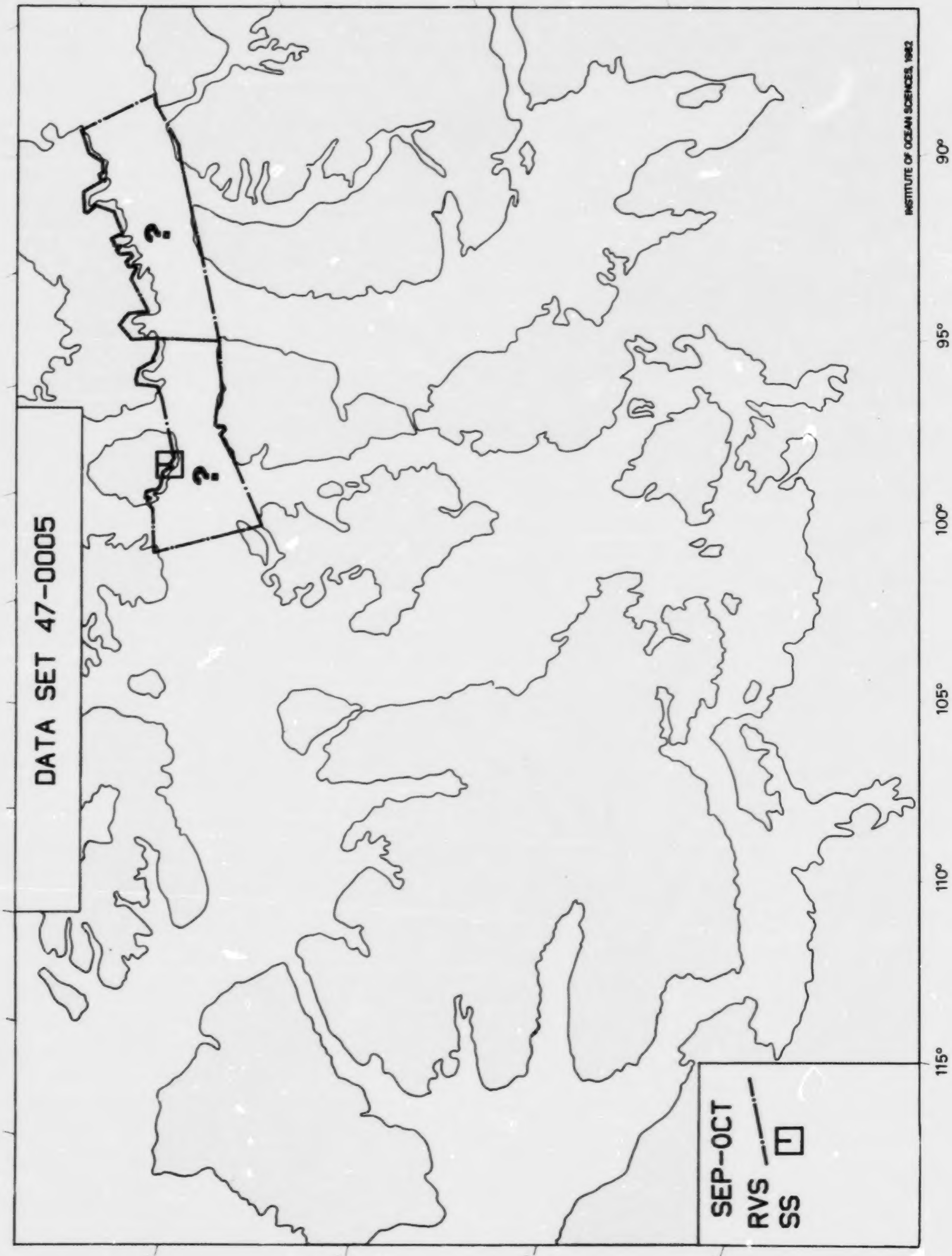
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SEP-OCT
RVS
SS
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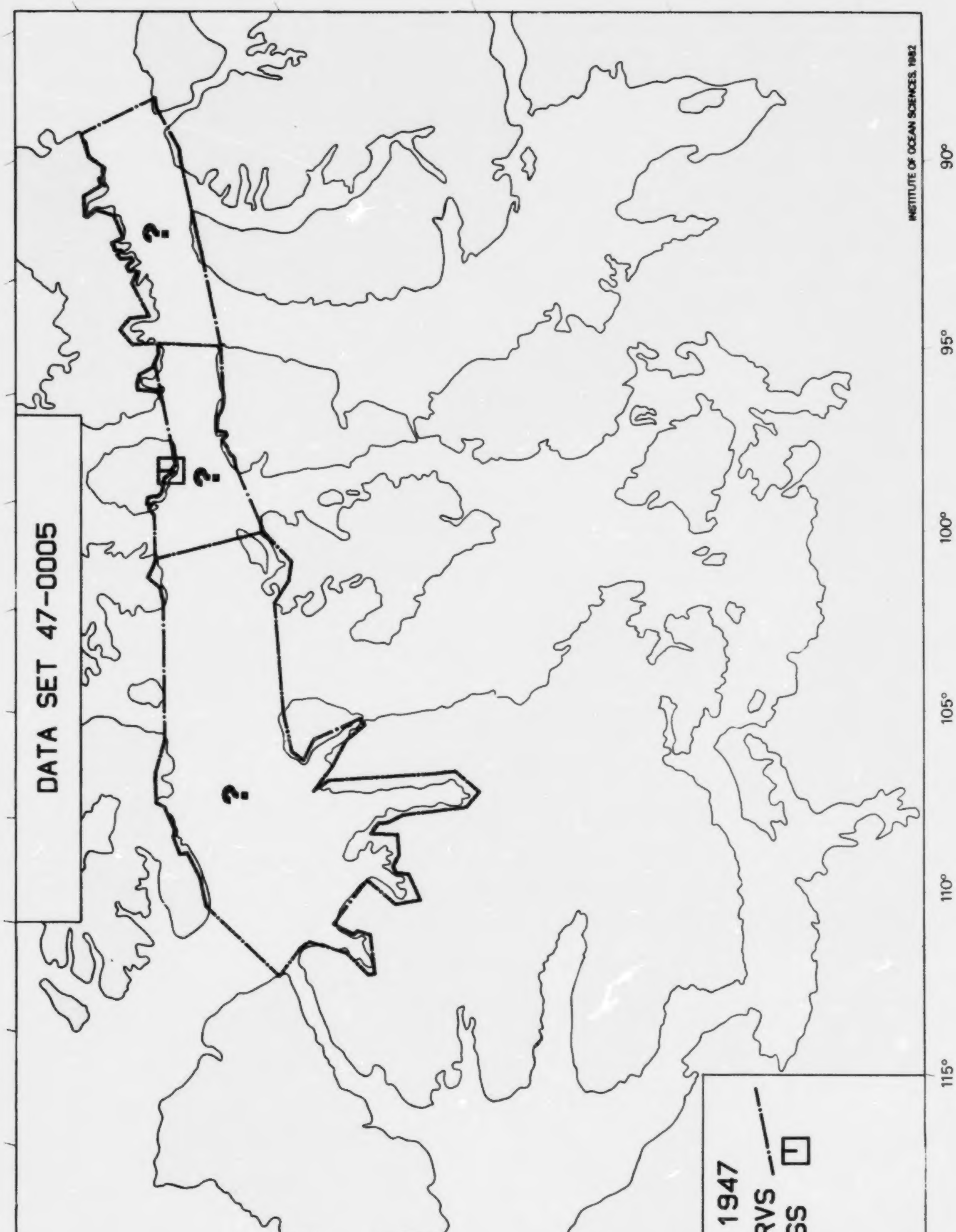
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 47-0005
1947
RVS
SS
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INSTITUTE OF OCEAN SCIENCES, 1982
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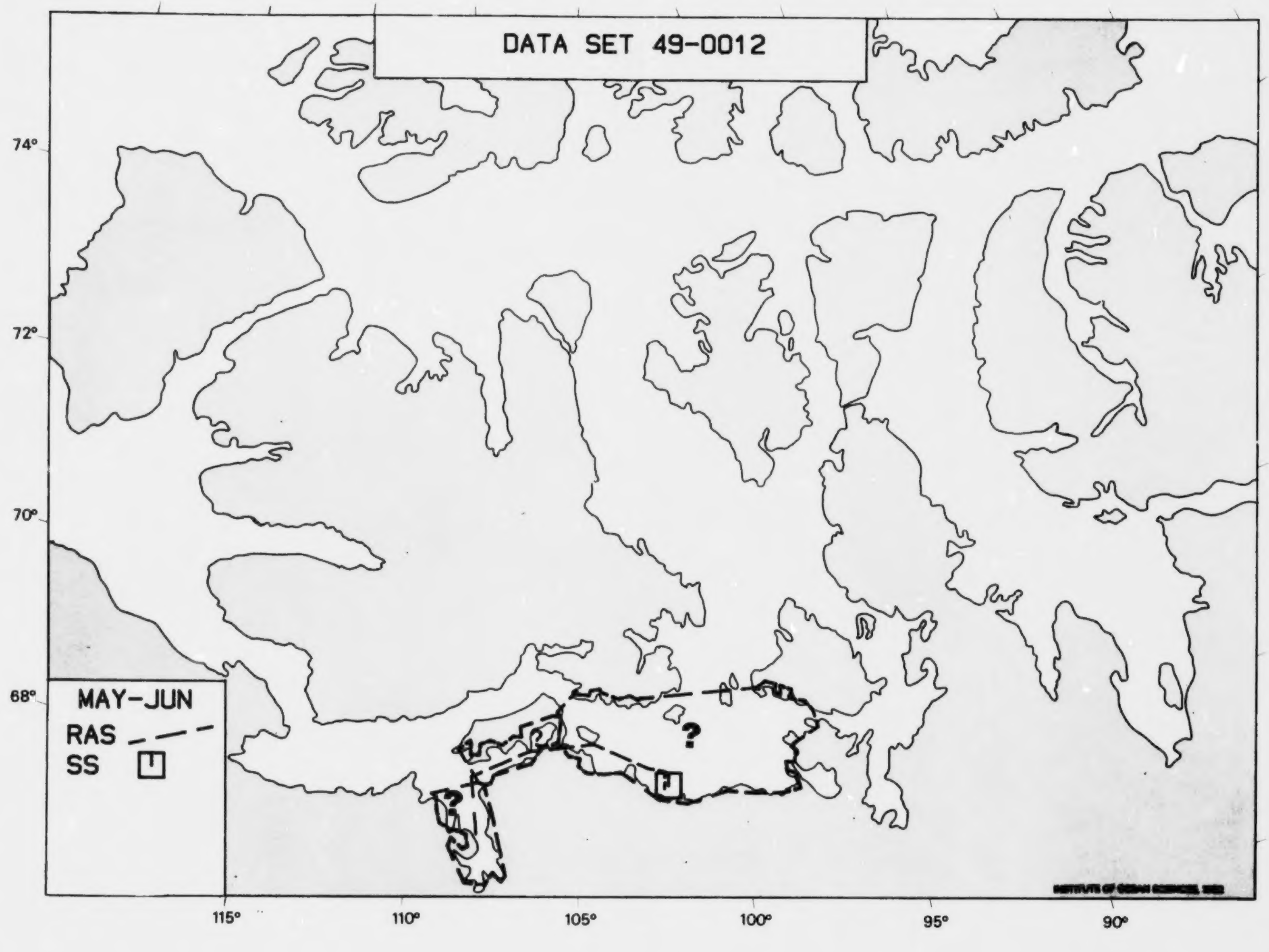
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MAY-JUN
RAS
SS
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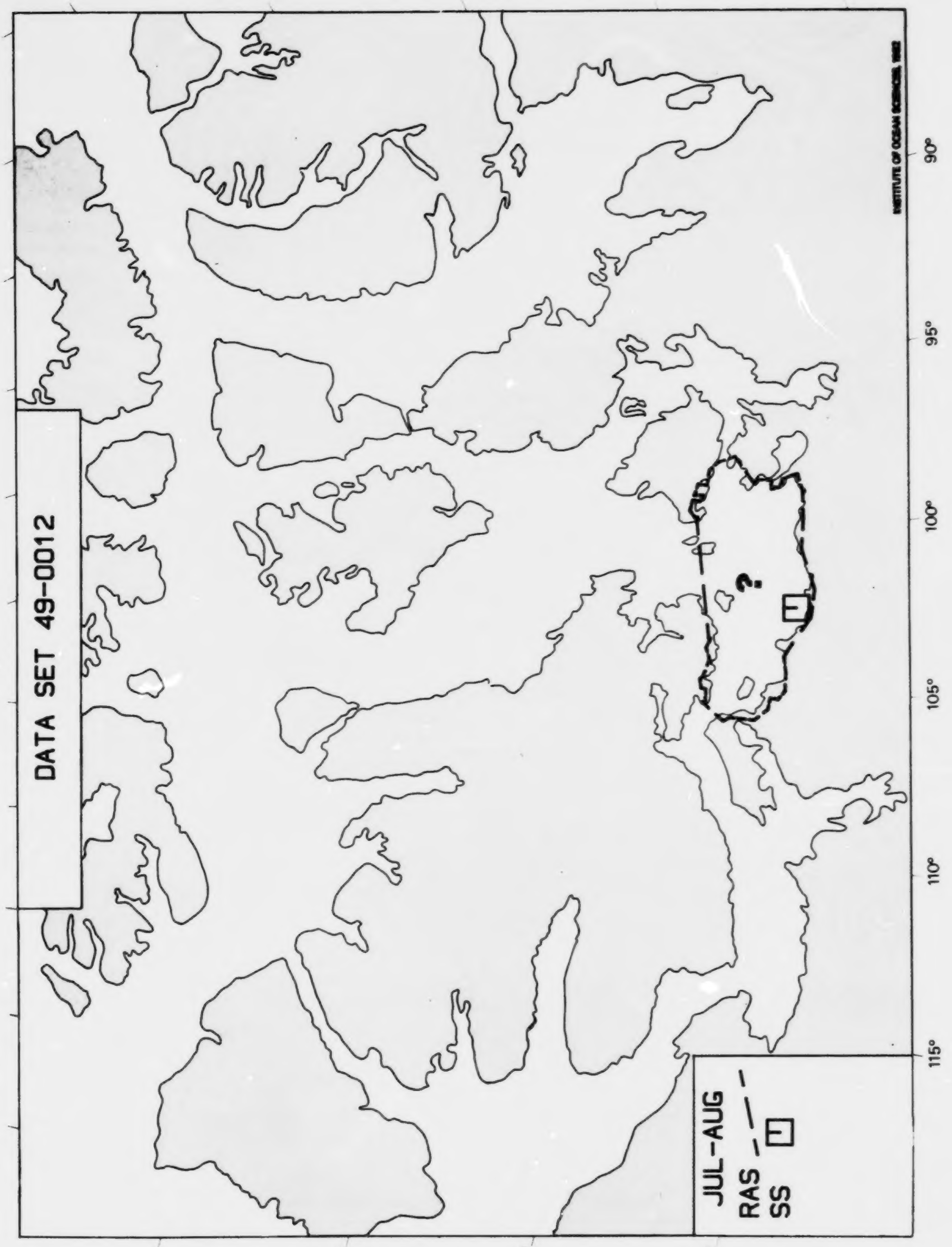
INSTITUTE OF OCEAN SCIENCES


DATA SET 49-0012
JUL-AUG
RAS
SS
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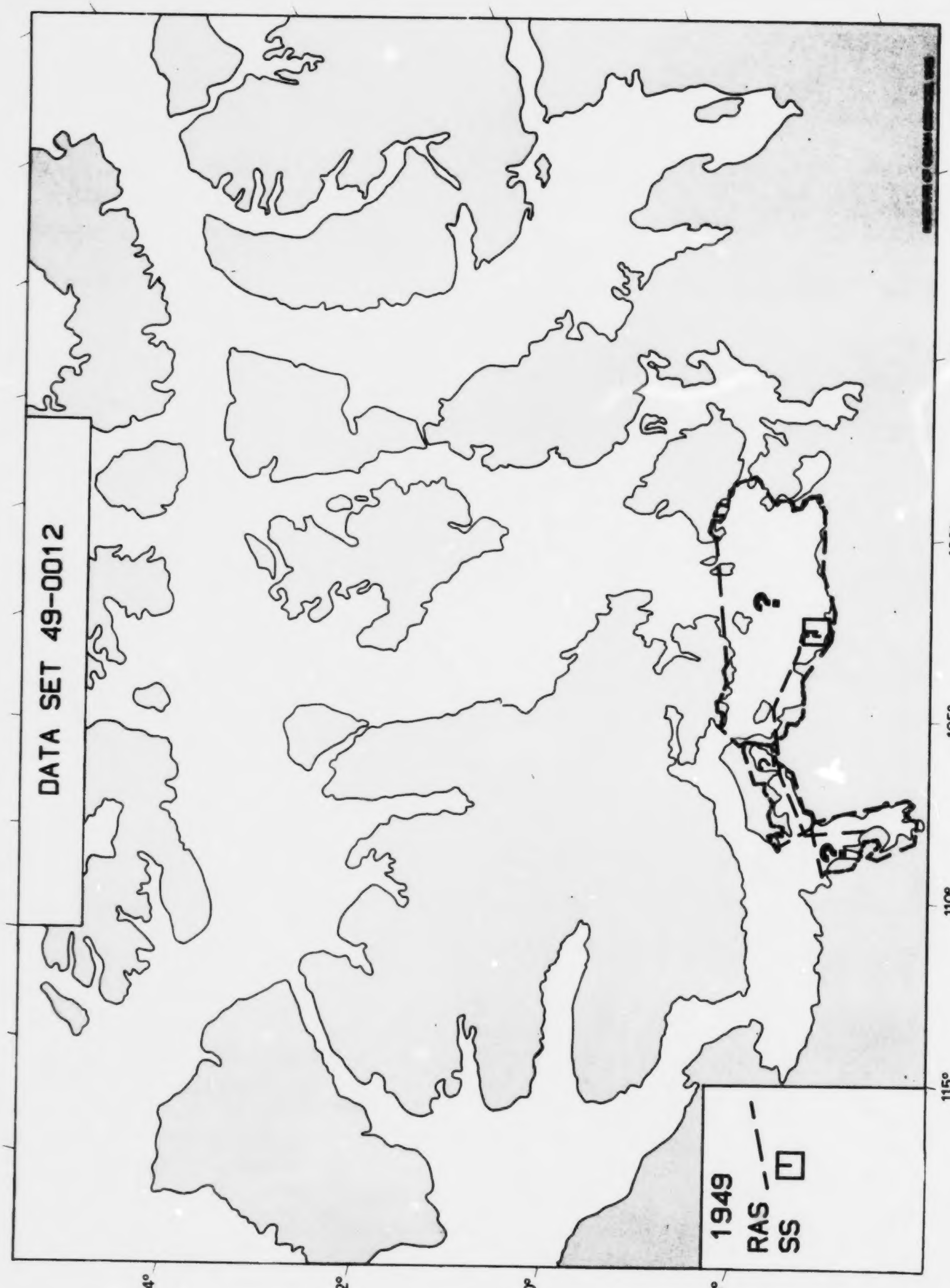
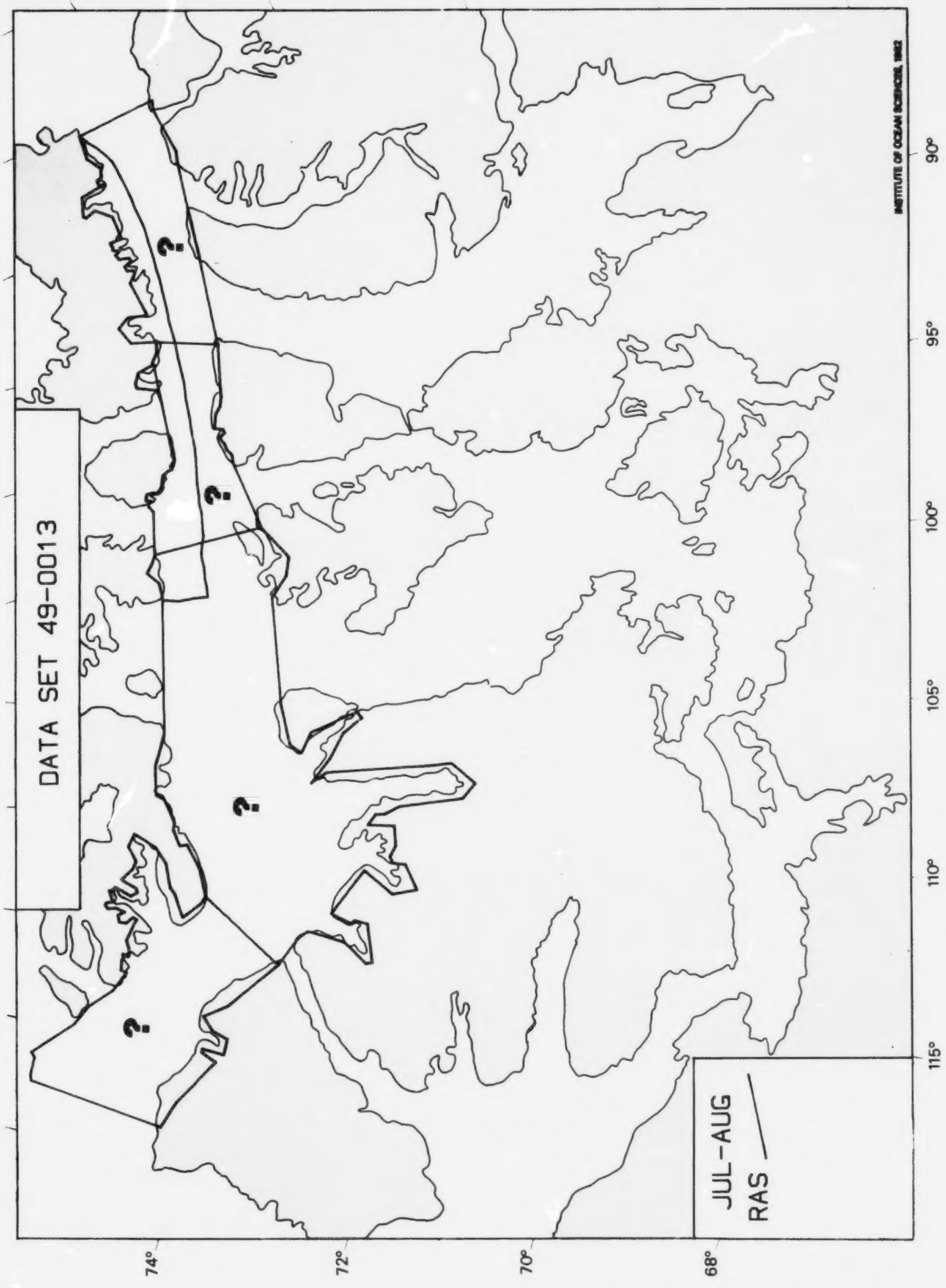
115°
INSTITUTE OF OCEAN SCIENCES 1982


DATA SET 49-0012
1949
RAS
SS
?
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°


DATA SET 49-0013
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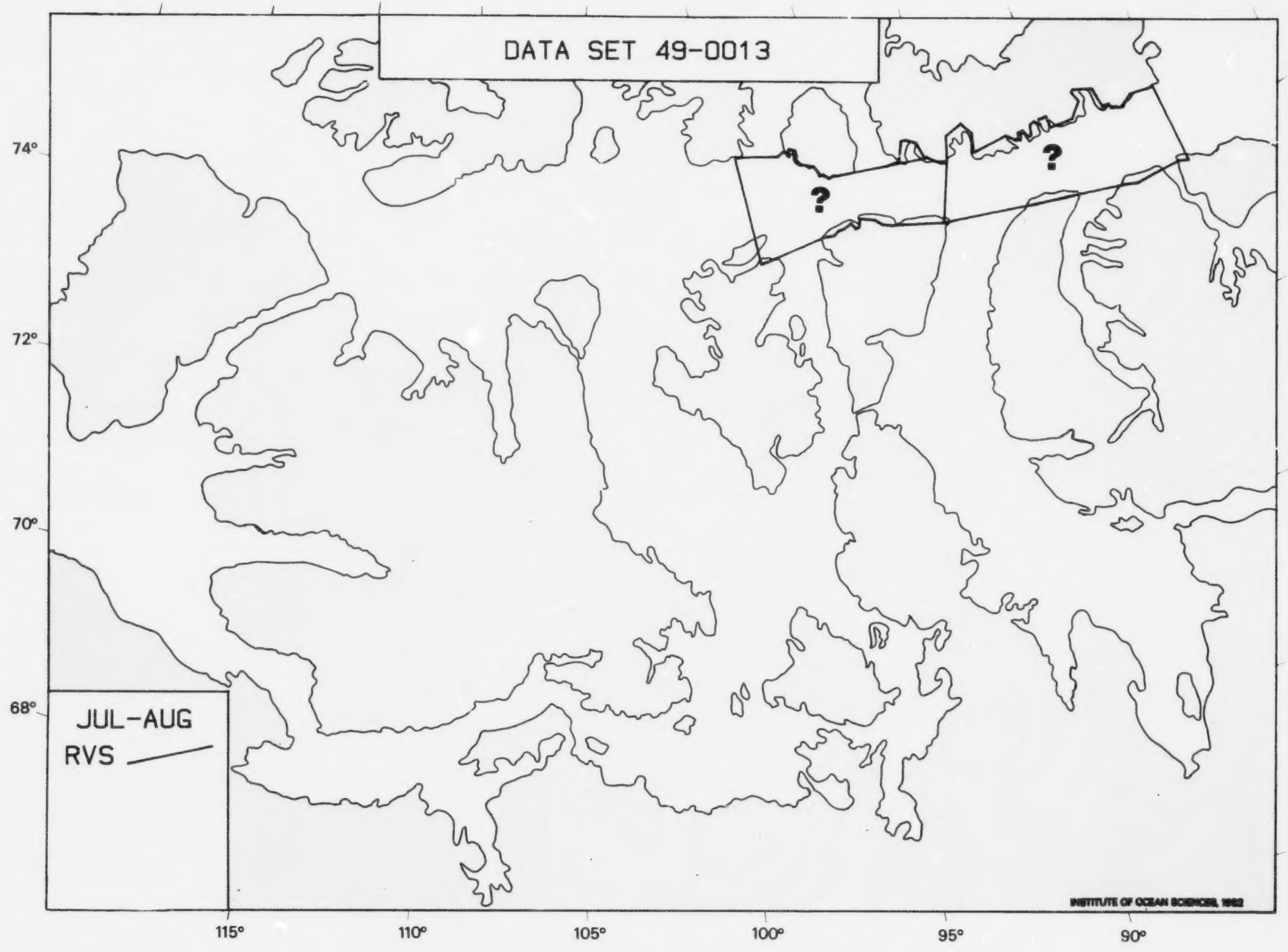
JUL-AUG
RAS
INSTITUTE OF OCEAN SCIENCES, 1982
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°


DATA SET 49-0013
?
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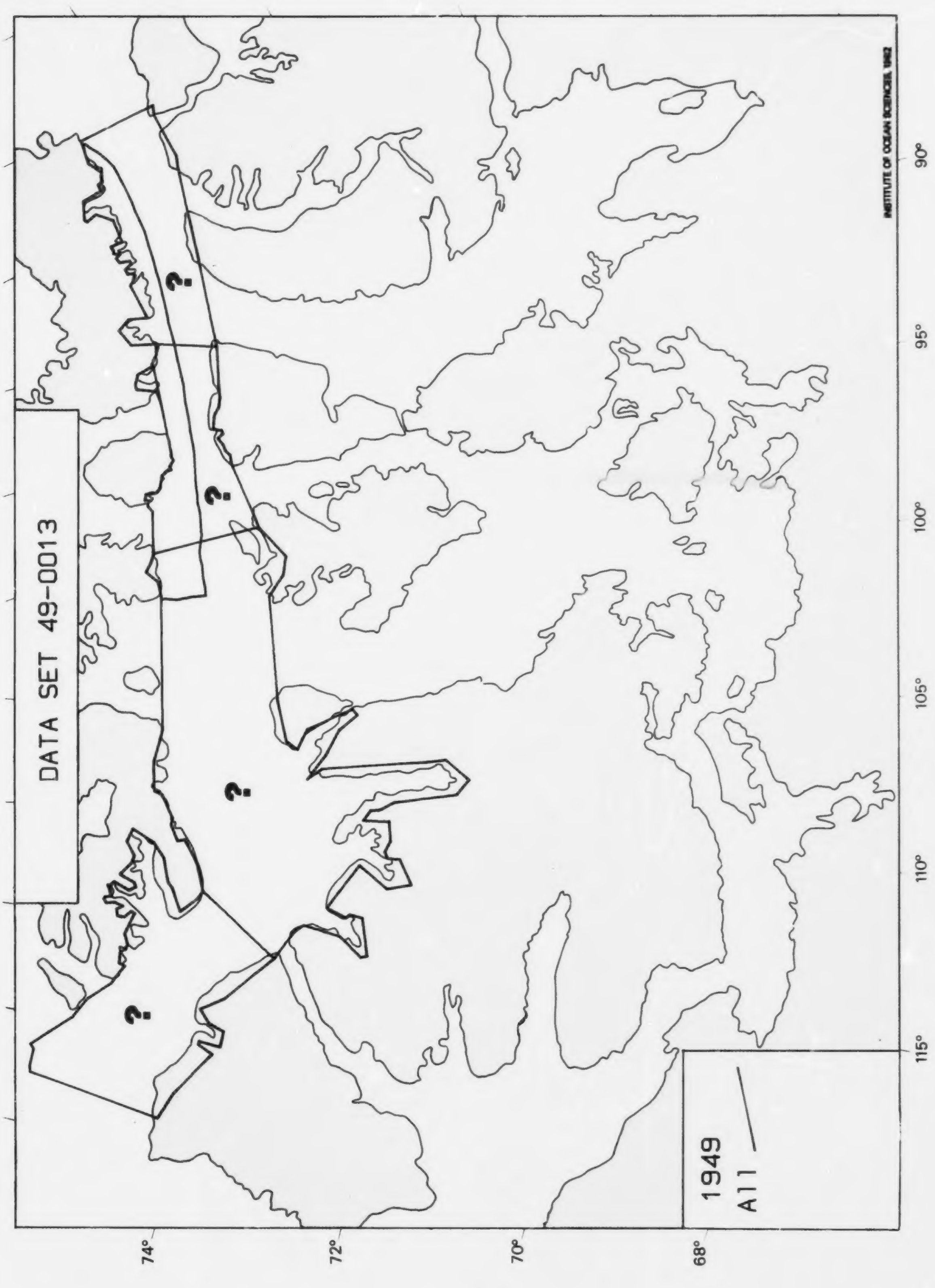
74°
72°
70°
68°
JUL-AUG
RVS
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 49-0013
1949
A11
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74°
72°
70°
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100°
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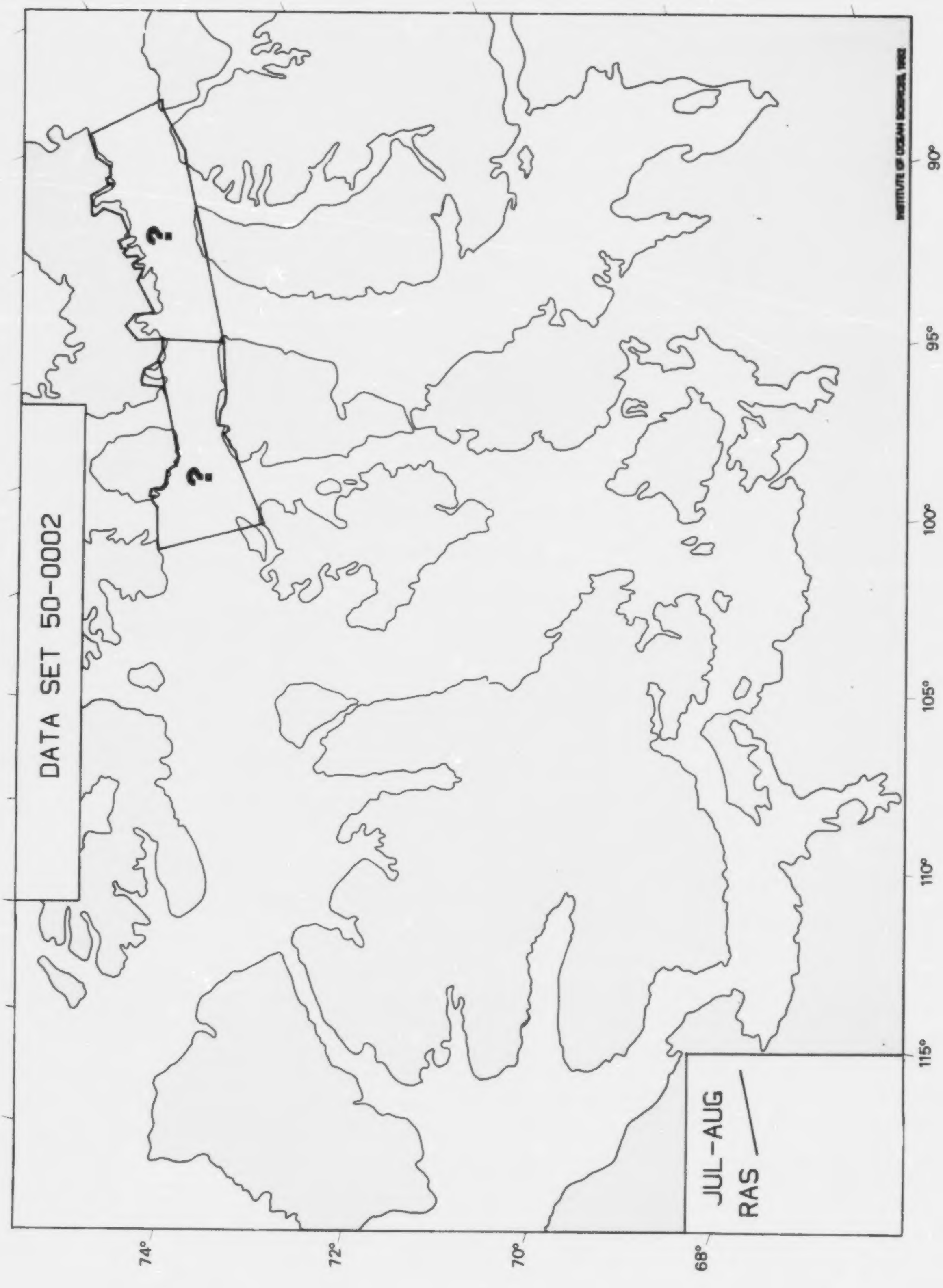
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 50-0002
?
?
JUL-AUG
RAS
INSTITUTE OF OCEAN SCIENCES, 1982
90°
95°
100°
105°
110°
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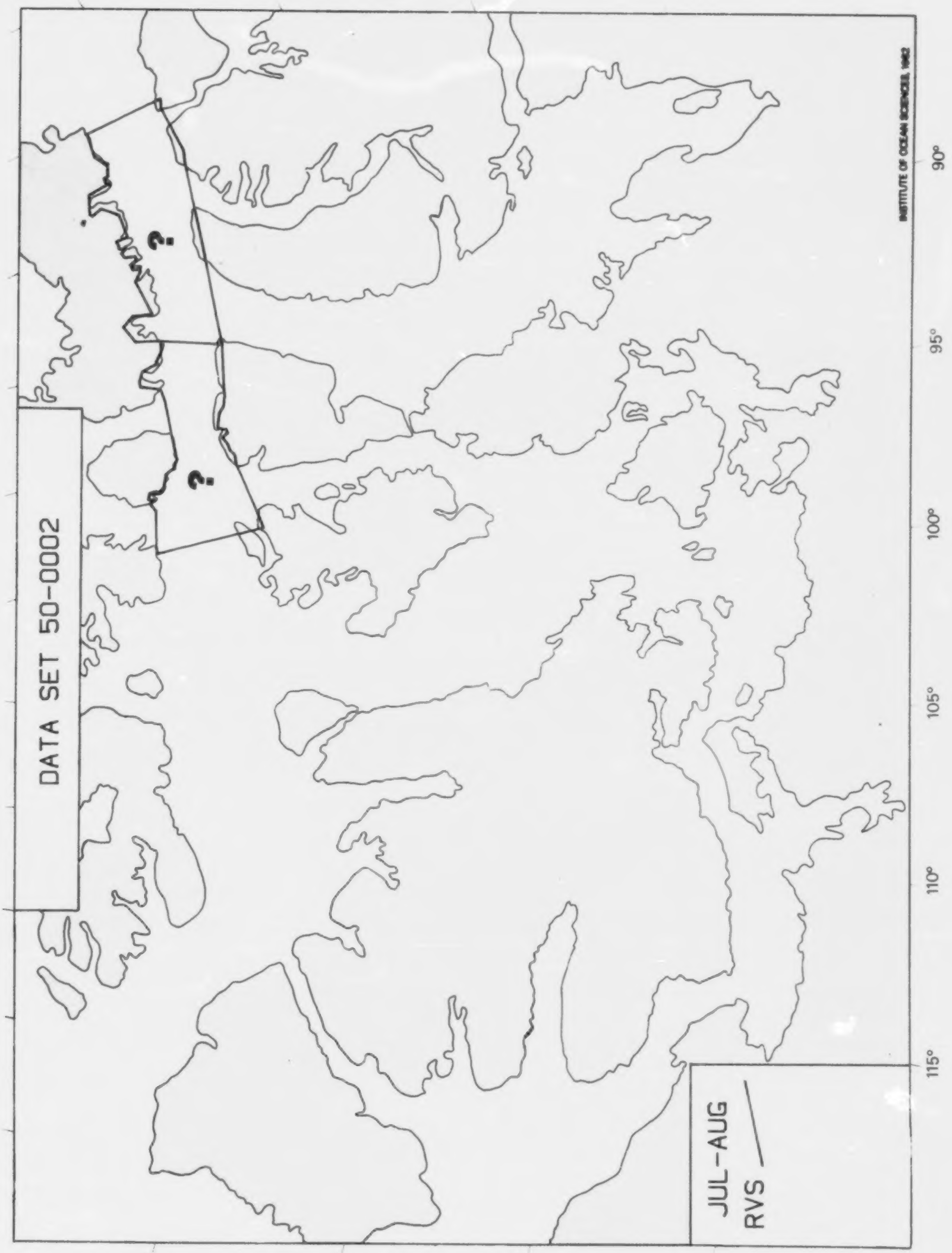
74°
72°
70°
68°


DATA SET 50-0002
JUL-AUG
RVS
?
?
INSTITUTE OF OCEAN SCIENCES, 1982
74°
72°
70°
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105°
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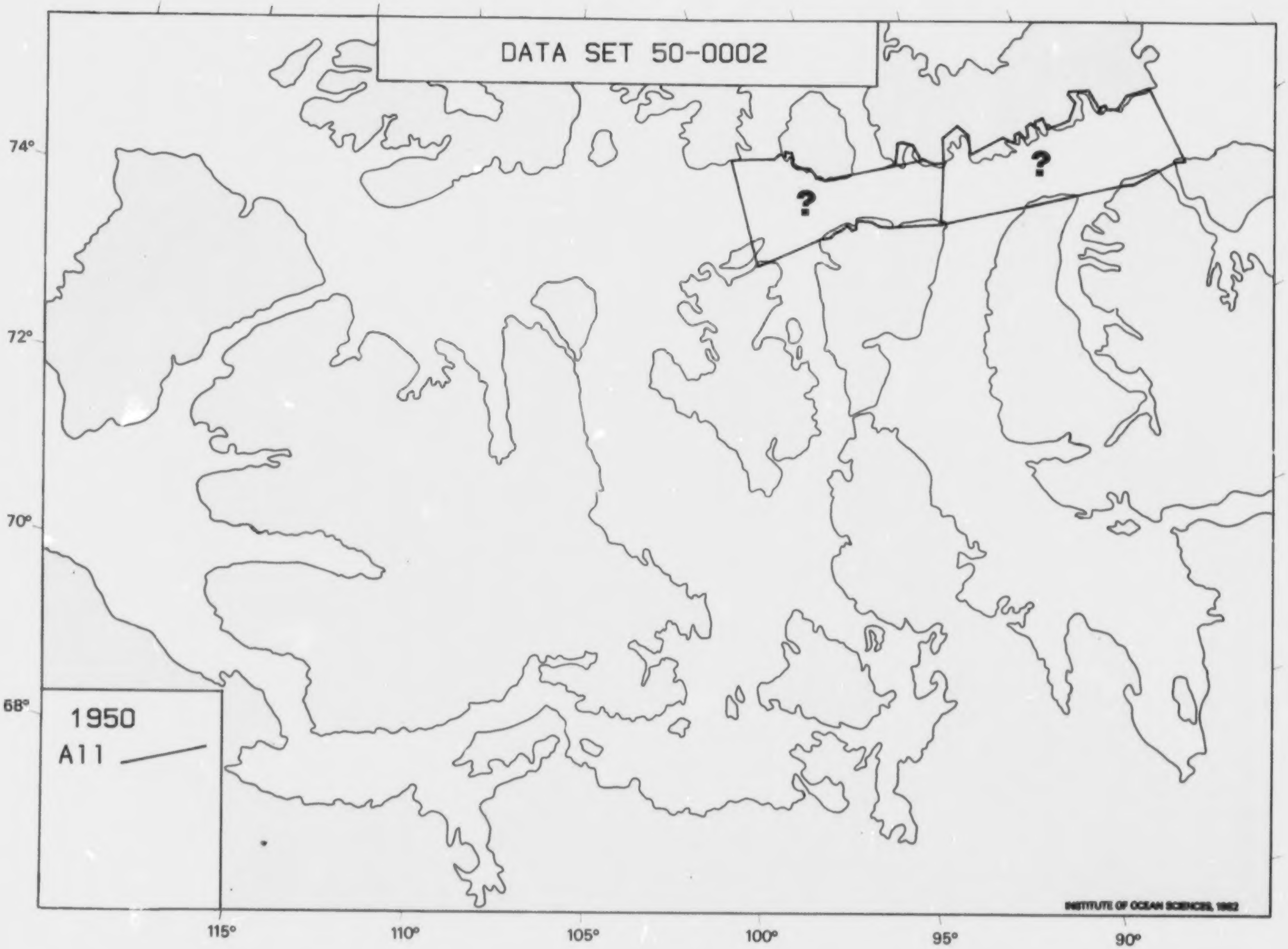
DATA SET 50-0002
?
?
74°
72°
70°
68°
1950
A11
115°
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105°
100°
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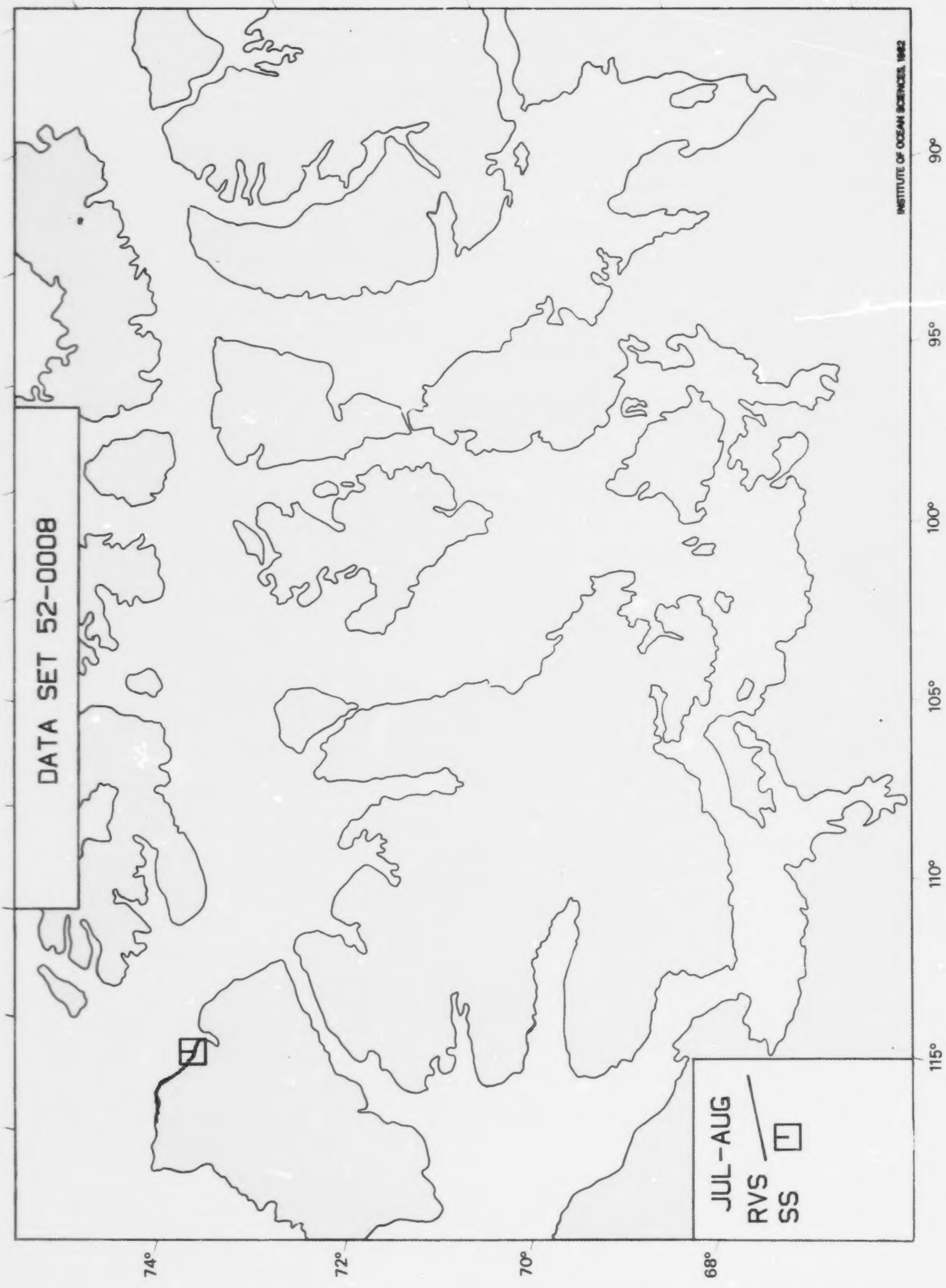
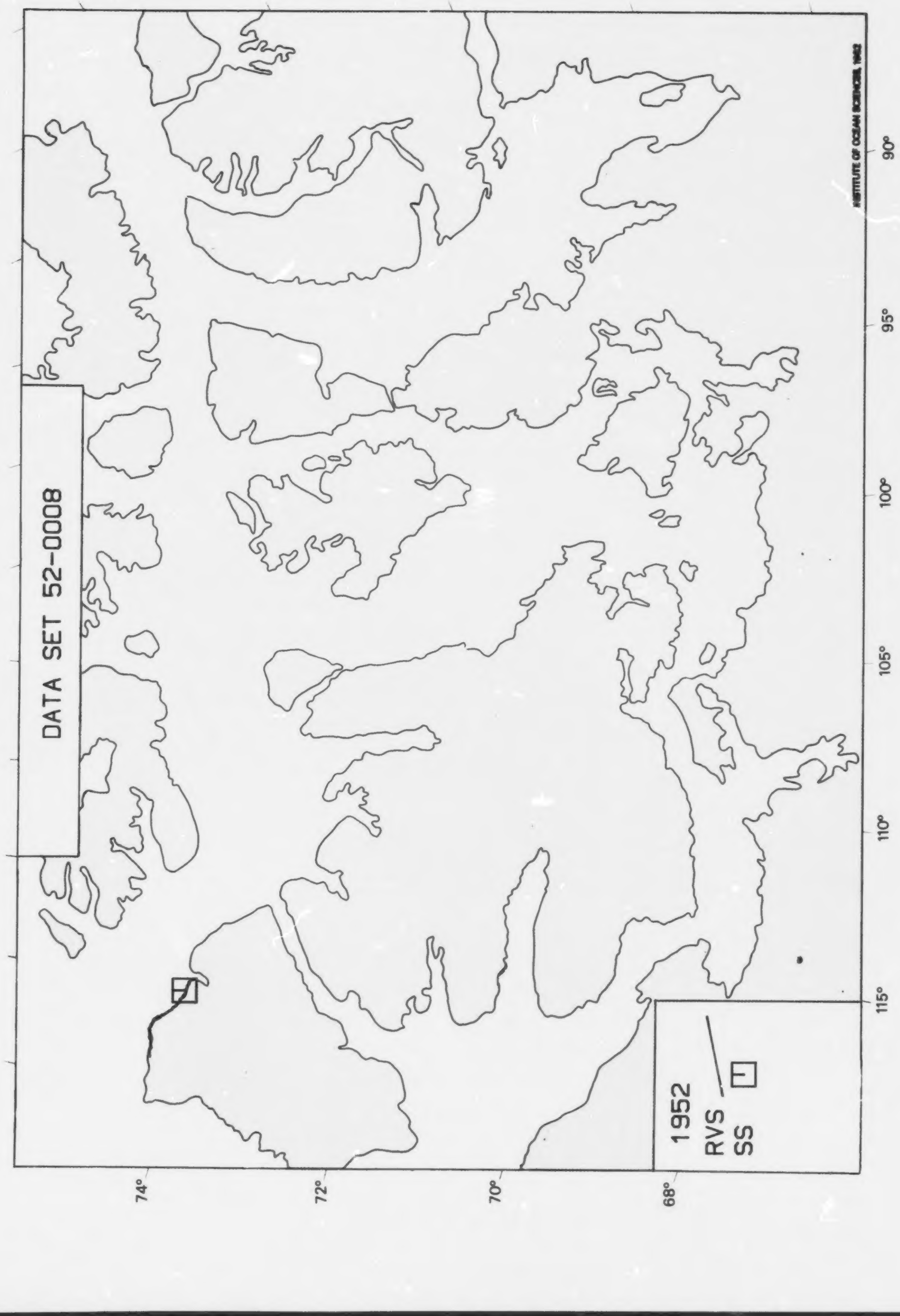
90°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 52-0008
JUL-AUG
RVS
SS
INSTITUTE OF OCEAN SCIENCES, 1982
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°


DATA SET 52-0008
1952
RVS
SS
74°
72°
70°
68°
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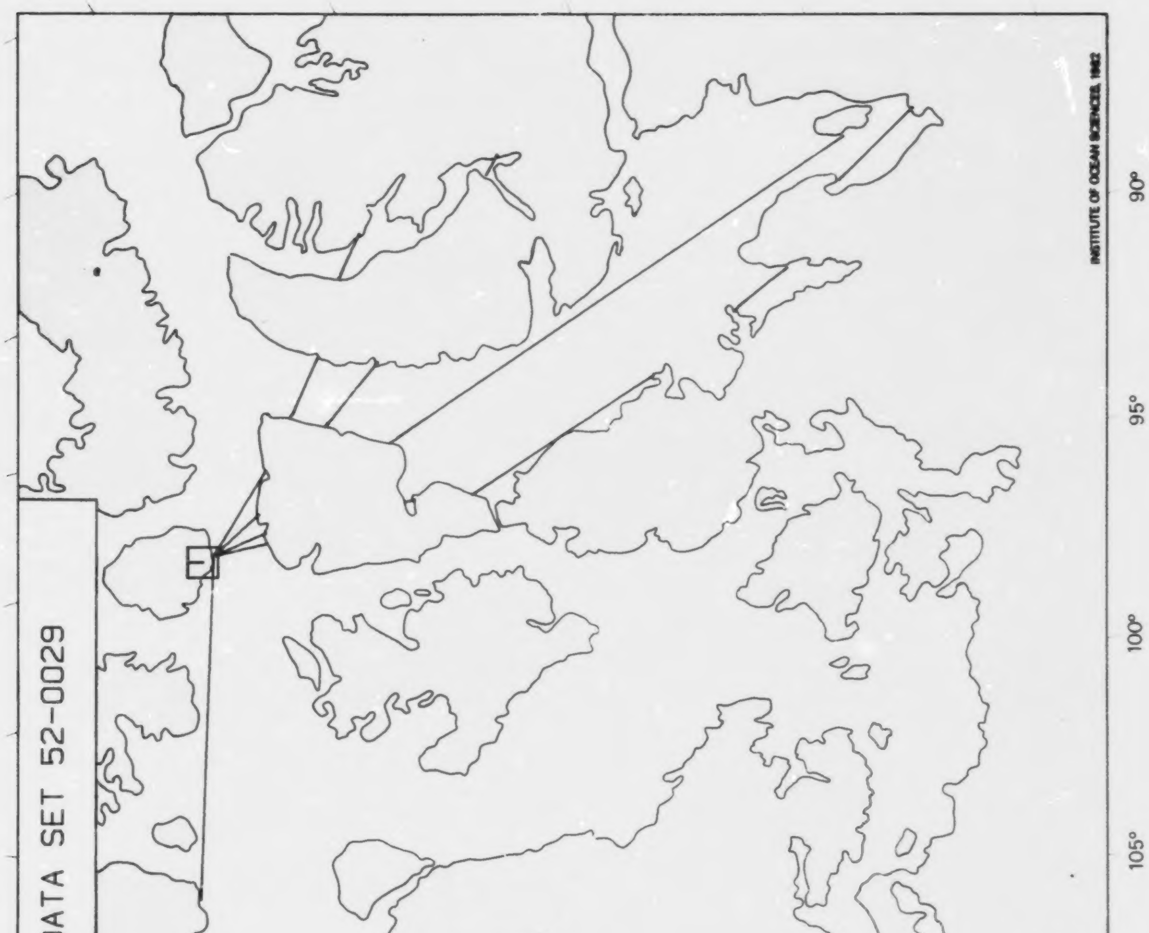
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 52-0029
JUL-AUG
RAS
SS
74°
72°
70°
68°
90°
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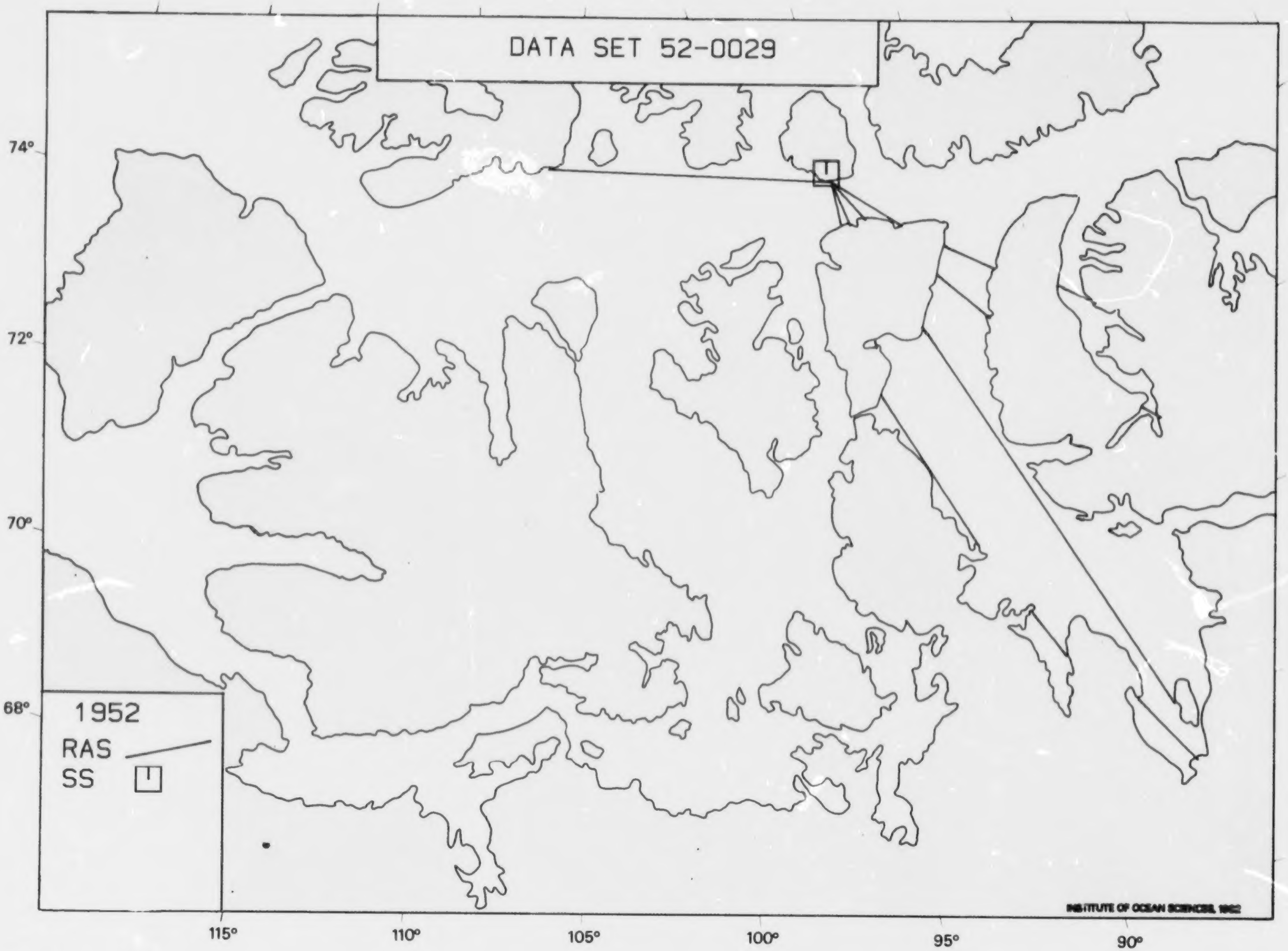
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 52-0029
74°
72°
70°
68°
1952
RAS
SS
115°
110°
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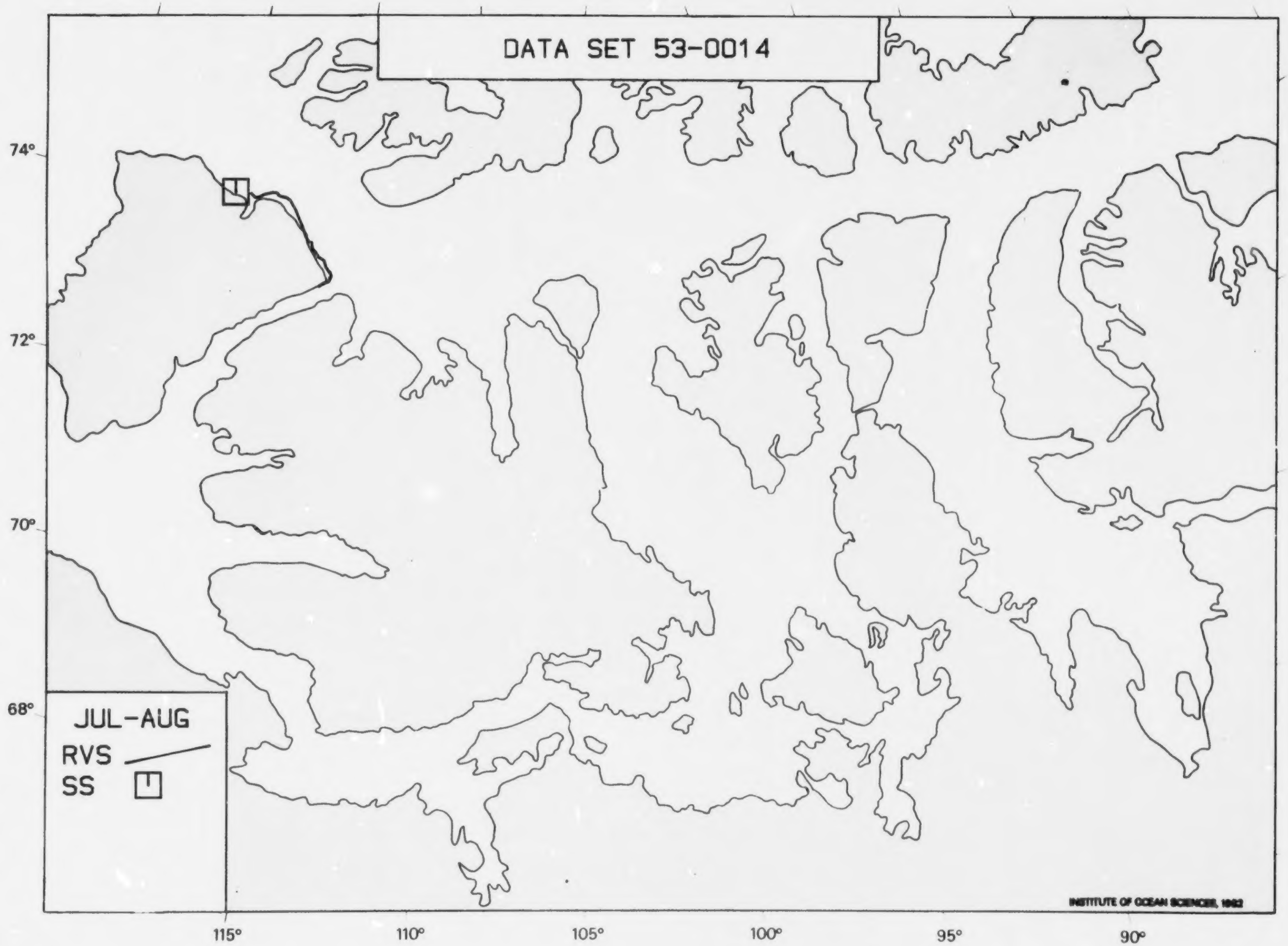
90°
INSTITUTE OF OCEAN SCIENCES, 1982



DATA SET 53-0014

JUL-AUG
RVS
SS
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72°
70°
68°
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100°
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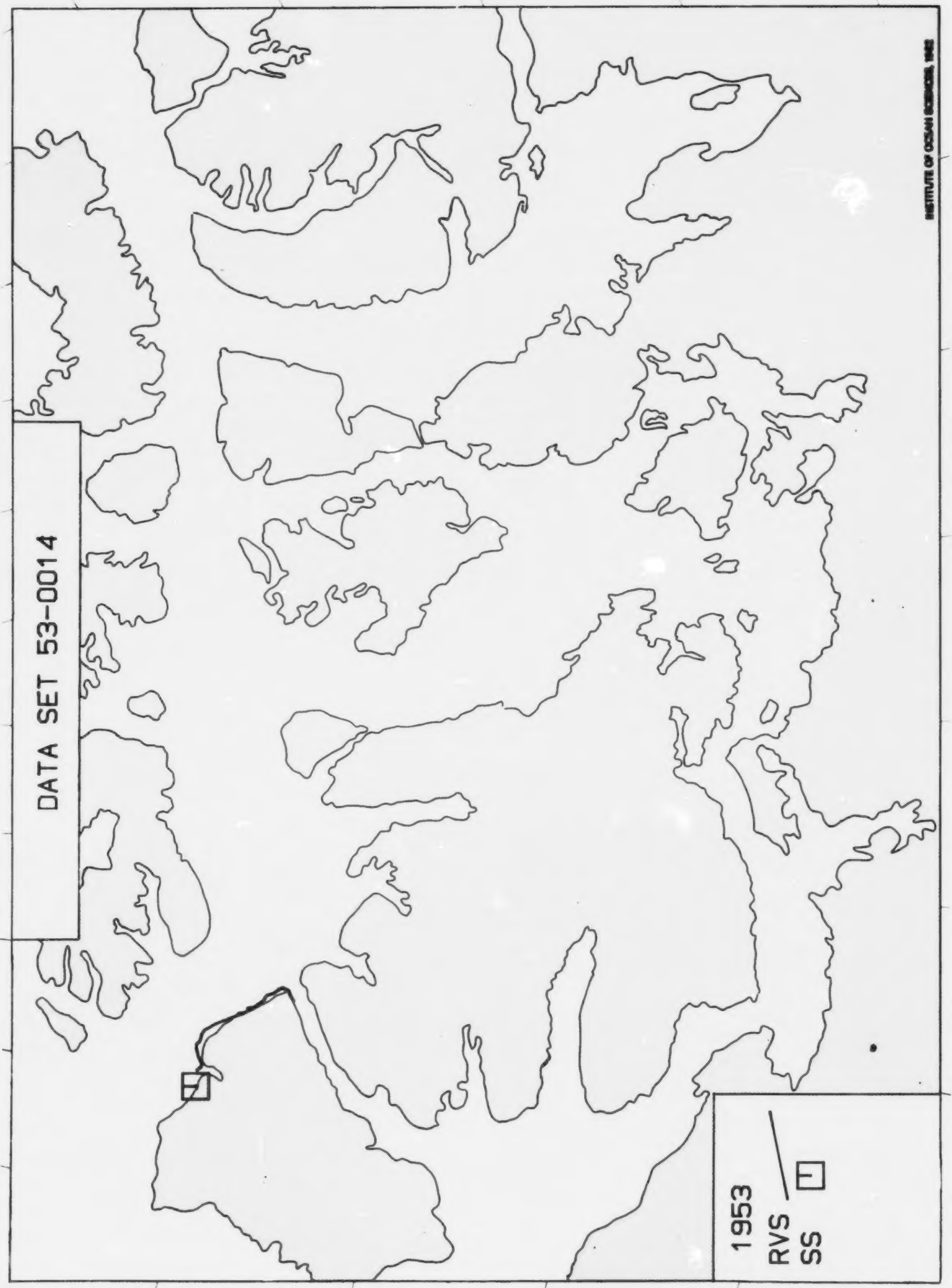
90°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 53-0014
1953
RVS
SS
74°
72°
70°
68°
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100°
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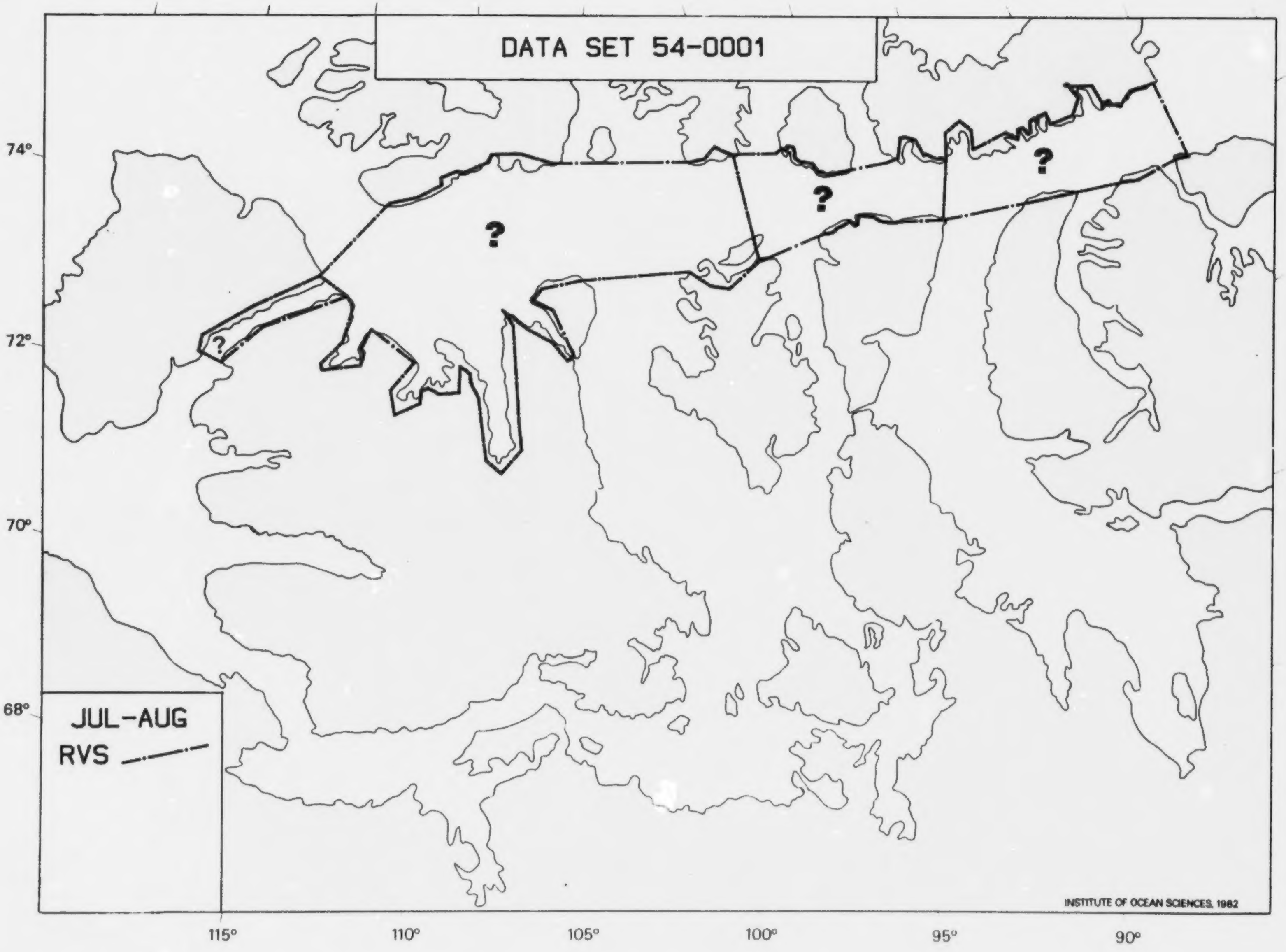
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 54-0001
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74°
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JUL-AUG
RVS
INSTITUTE OF OCEAN SCIENCES, 1982
115°
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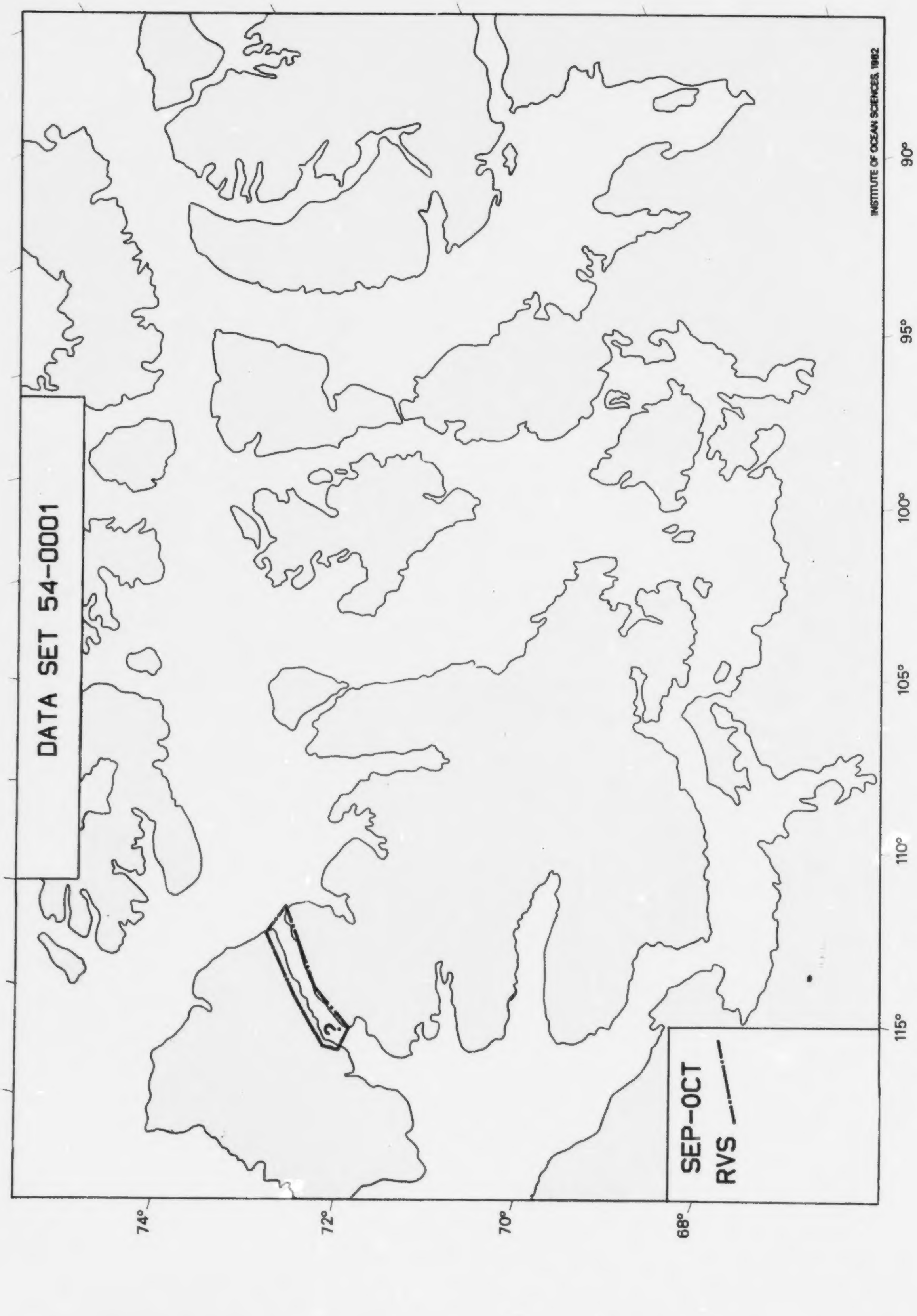
DATA SET 54-0001
SEP-OCT
RVS
?
INSTITUTE OF OCEAN SCIENCES, 1982
74°
72°
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68°
90°
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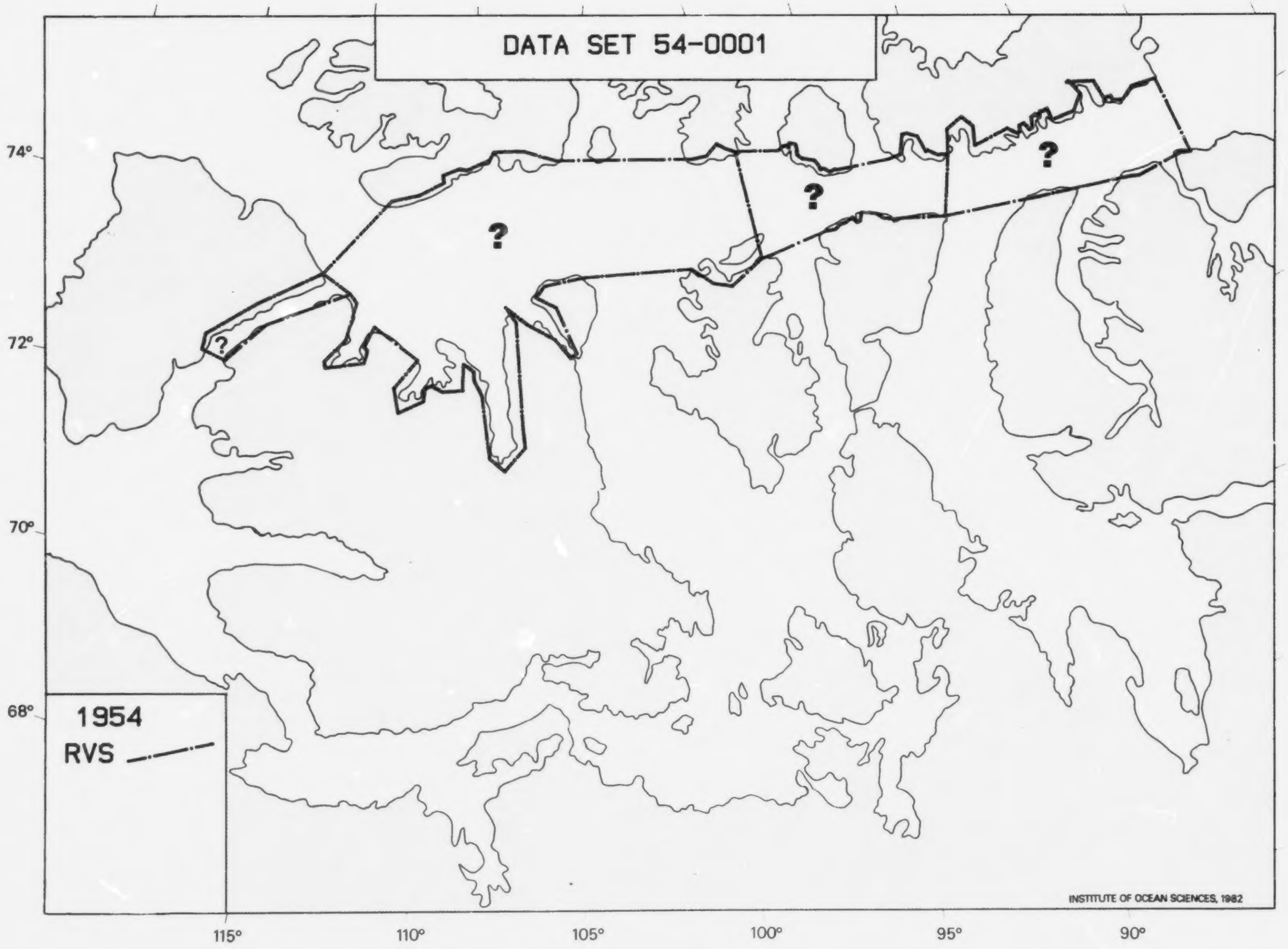
DATA SET 54-0001
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1954
RVS
74°
72°
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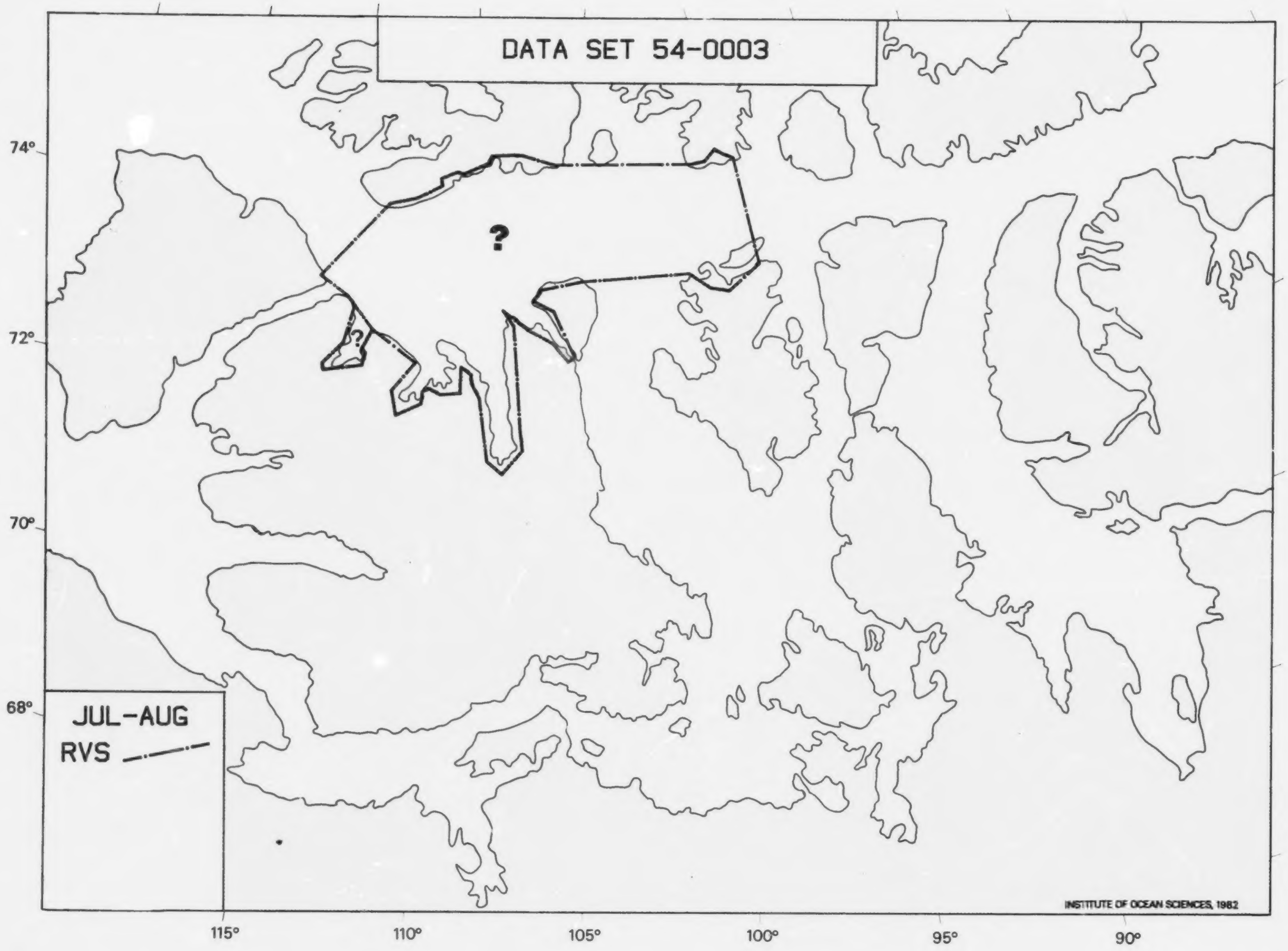
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 54-0003
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JUL-AUG
RVS
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72°
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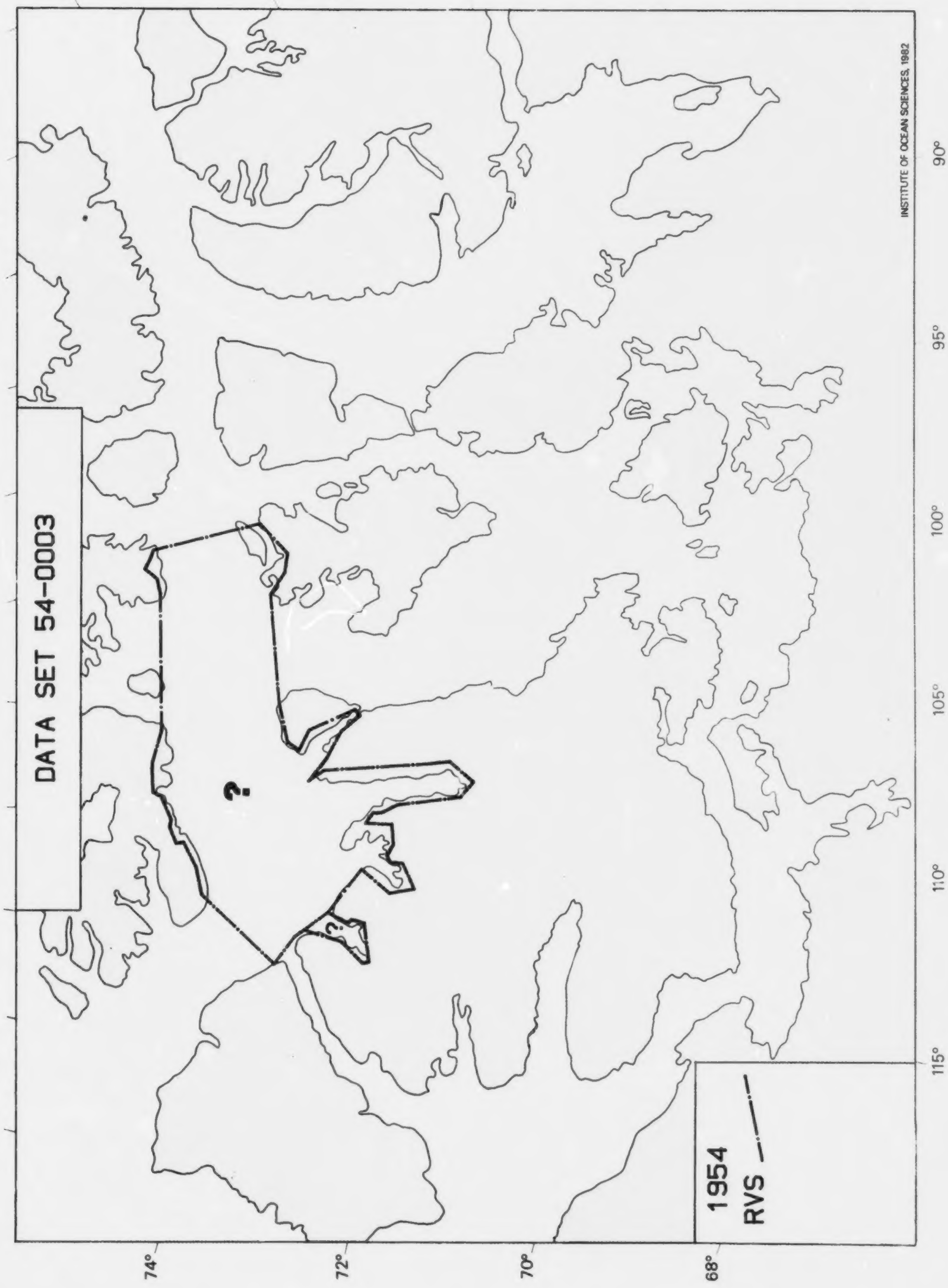
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 54-0003
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1954
RVS
INSTITUTE OF OCEAN SCIENCES, 1982
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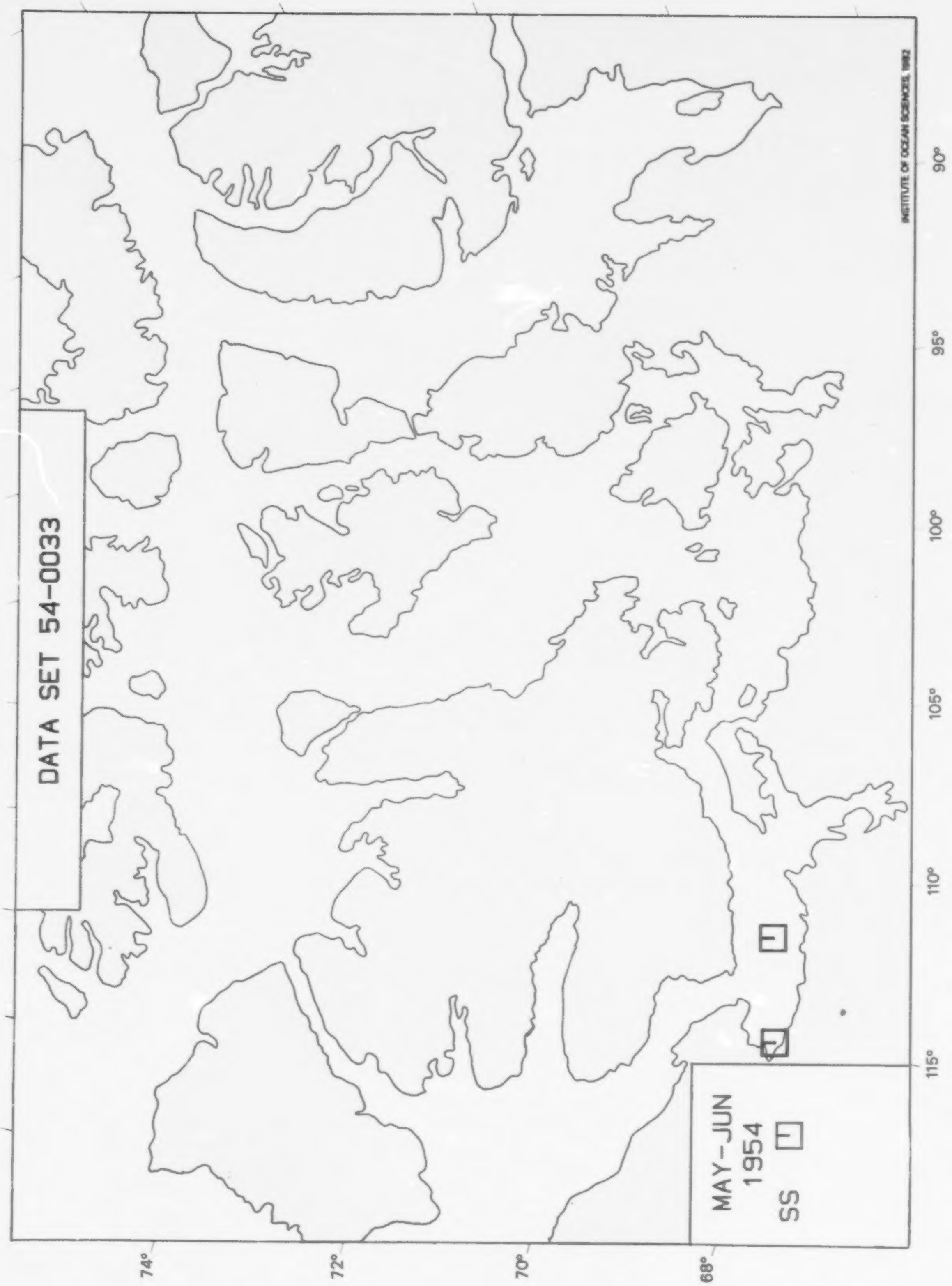
DATA SET 54-0033
MAY–JUN
1954
SS
74°
72°
70°
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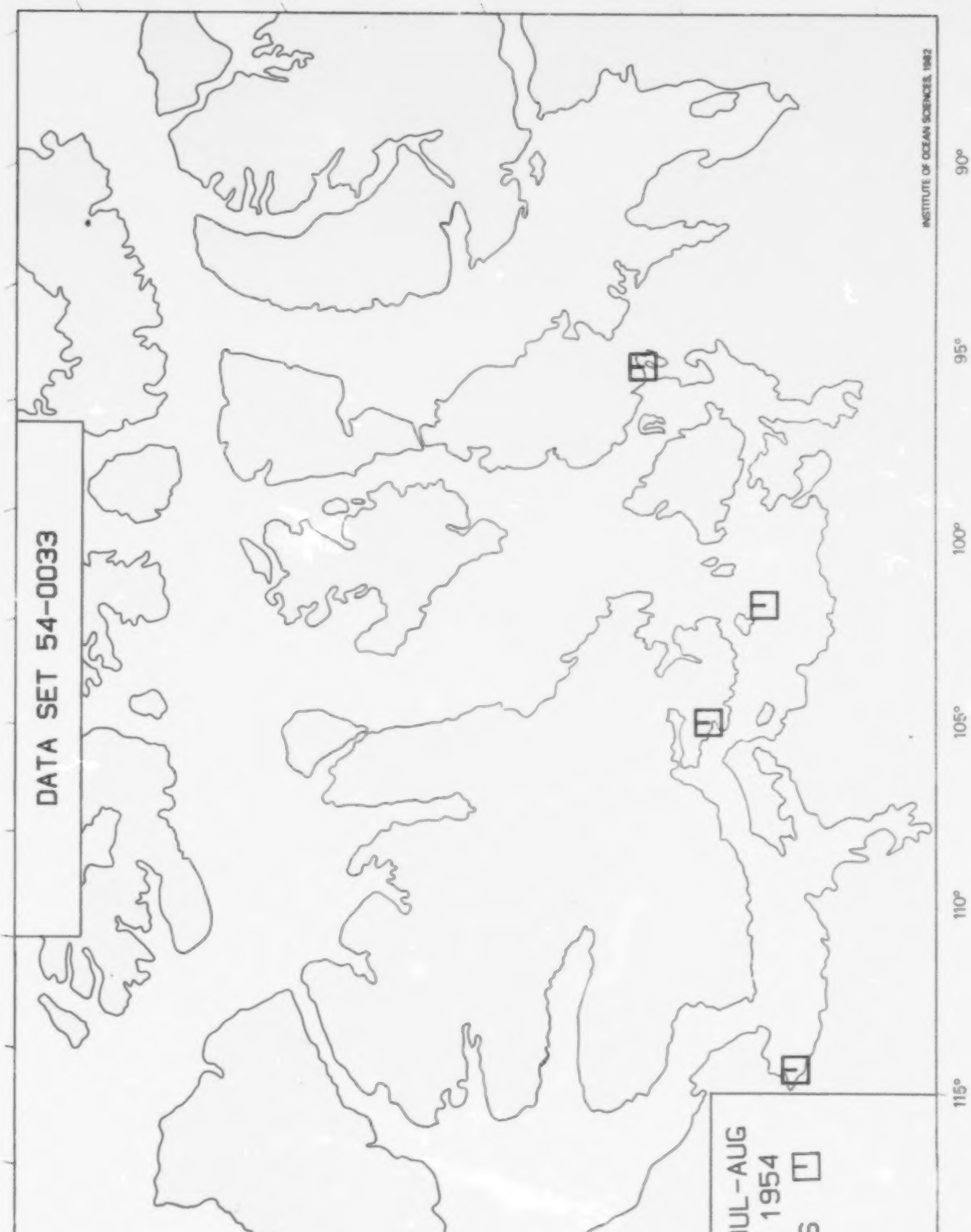
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 54-0033
JUL-AUG
1954
SS
INSTITUTE OF OCEAN SCIENCES, 1982
90°
95°
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74°
72°
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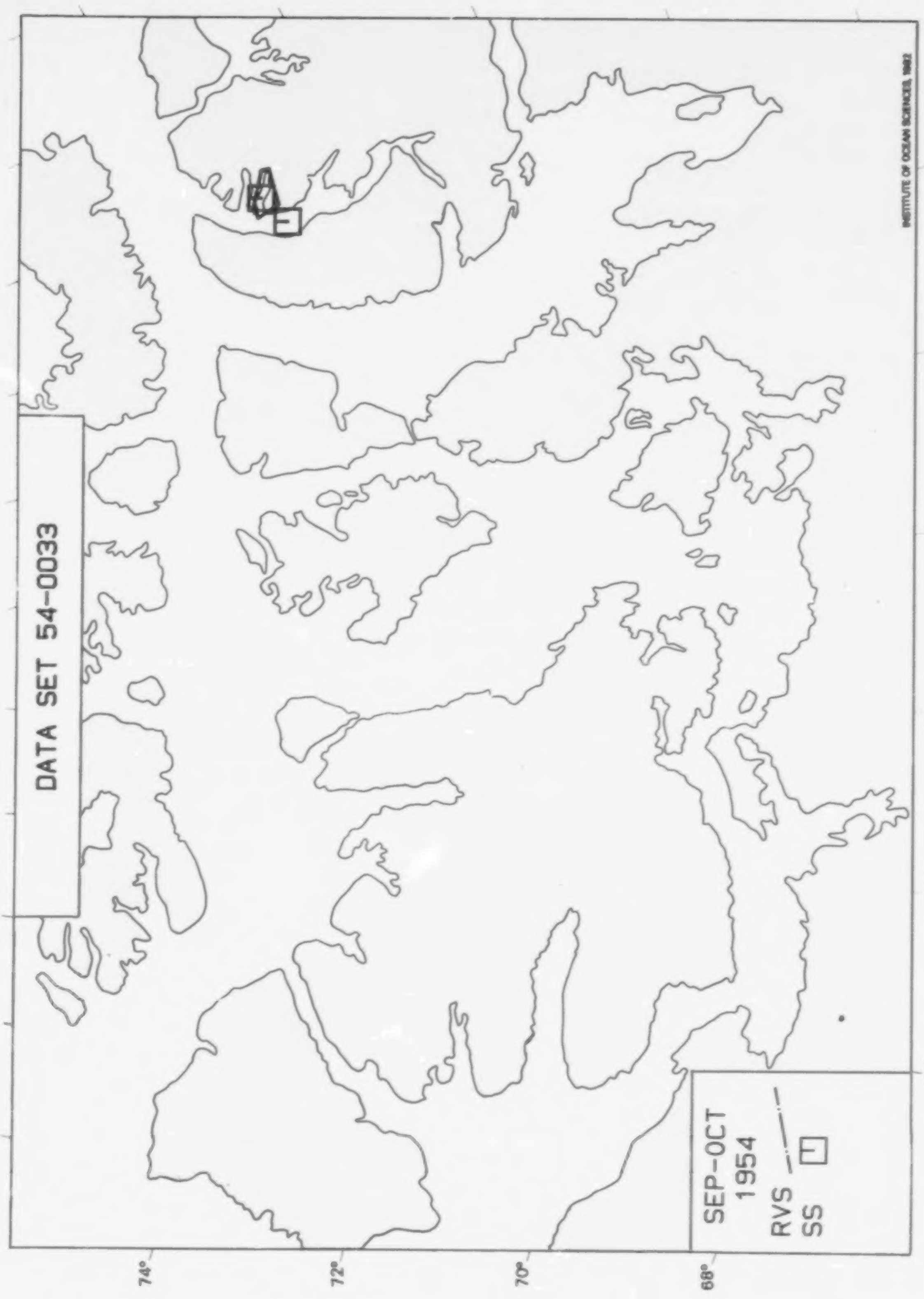
DATA SET 54-0033
SEP-OCT
1954
RVS —·—
SS □
74°
72°
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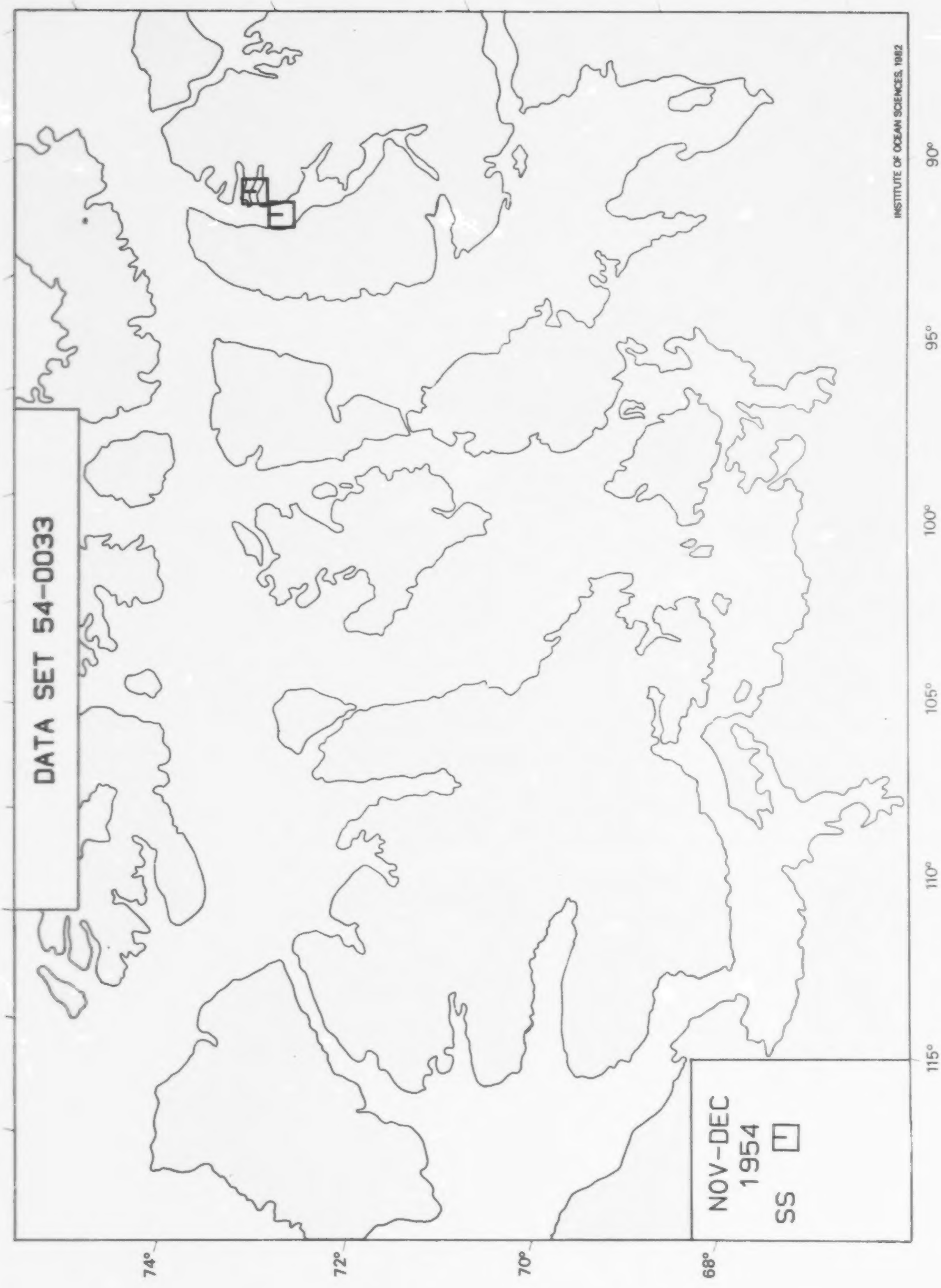
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 54-0033
NOV-DEC
1954
SS
INSTITUTE OF OCEAN SCIENCES, 1982
74°
72°
70°
68°
90°
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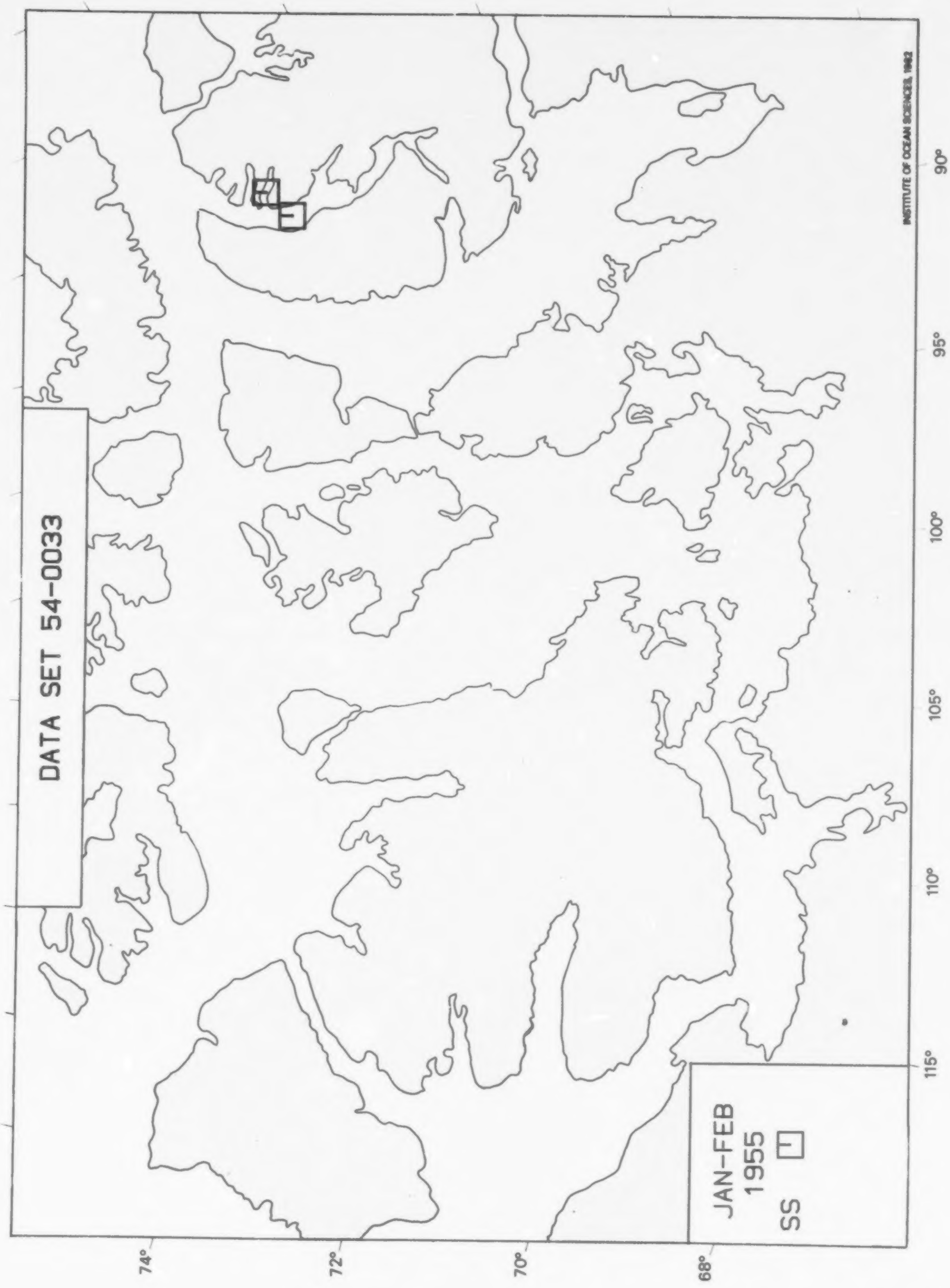
110°
115°


DATA SET 54-0033
JAN-FEB
1955
SS
74°
72°
70°
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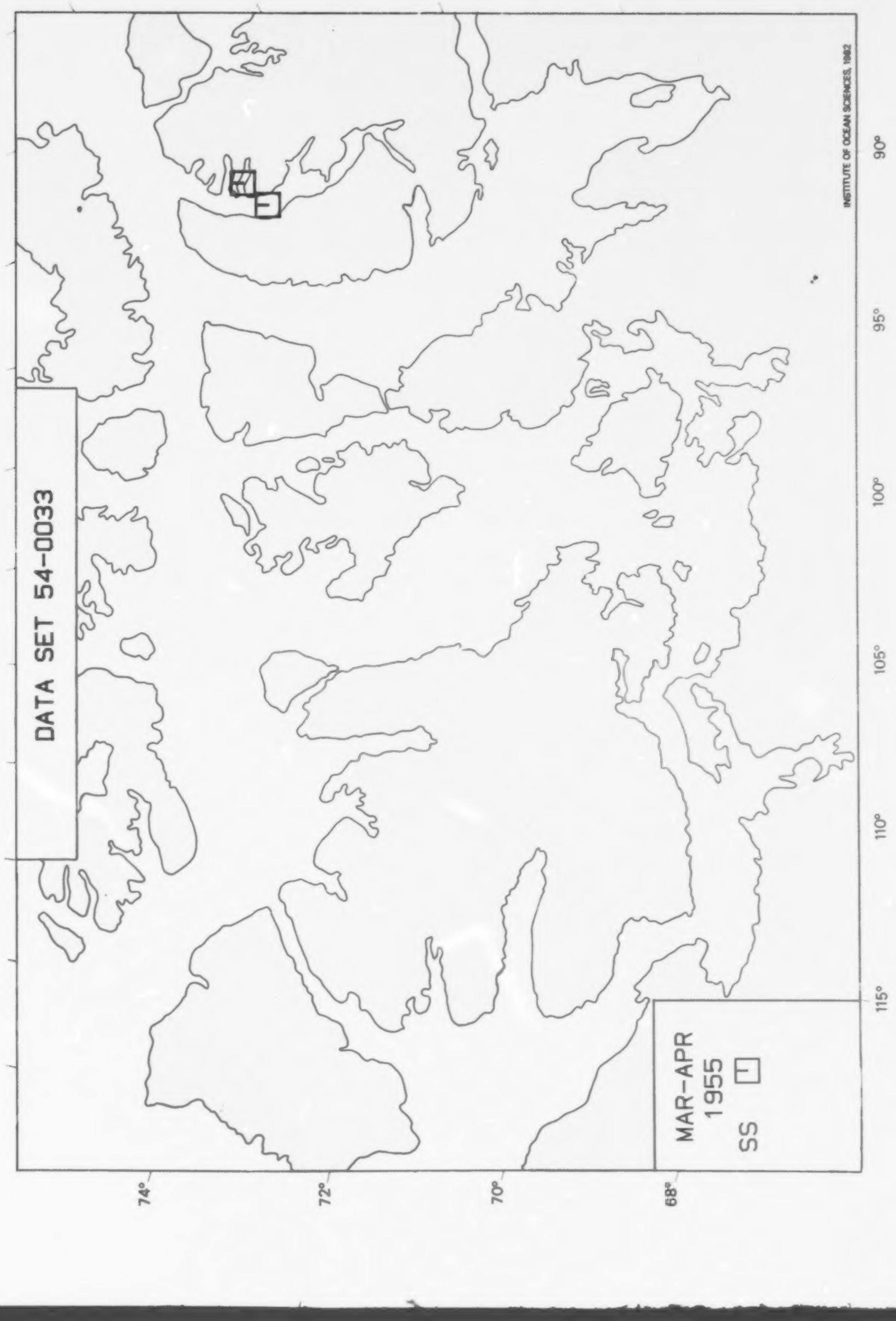
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 54-0033
MAR-APR
1955
SS ☐
INSTITUTE OF OCEAN SCIENCES, 1982
74°
72°
70°
68°
90°
95°
100°
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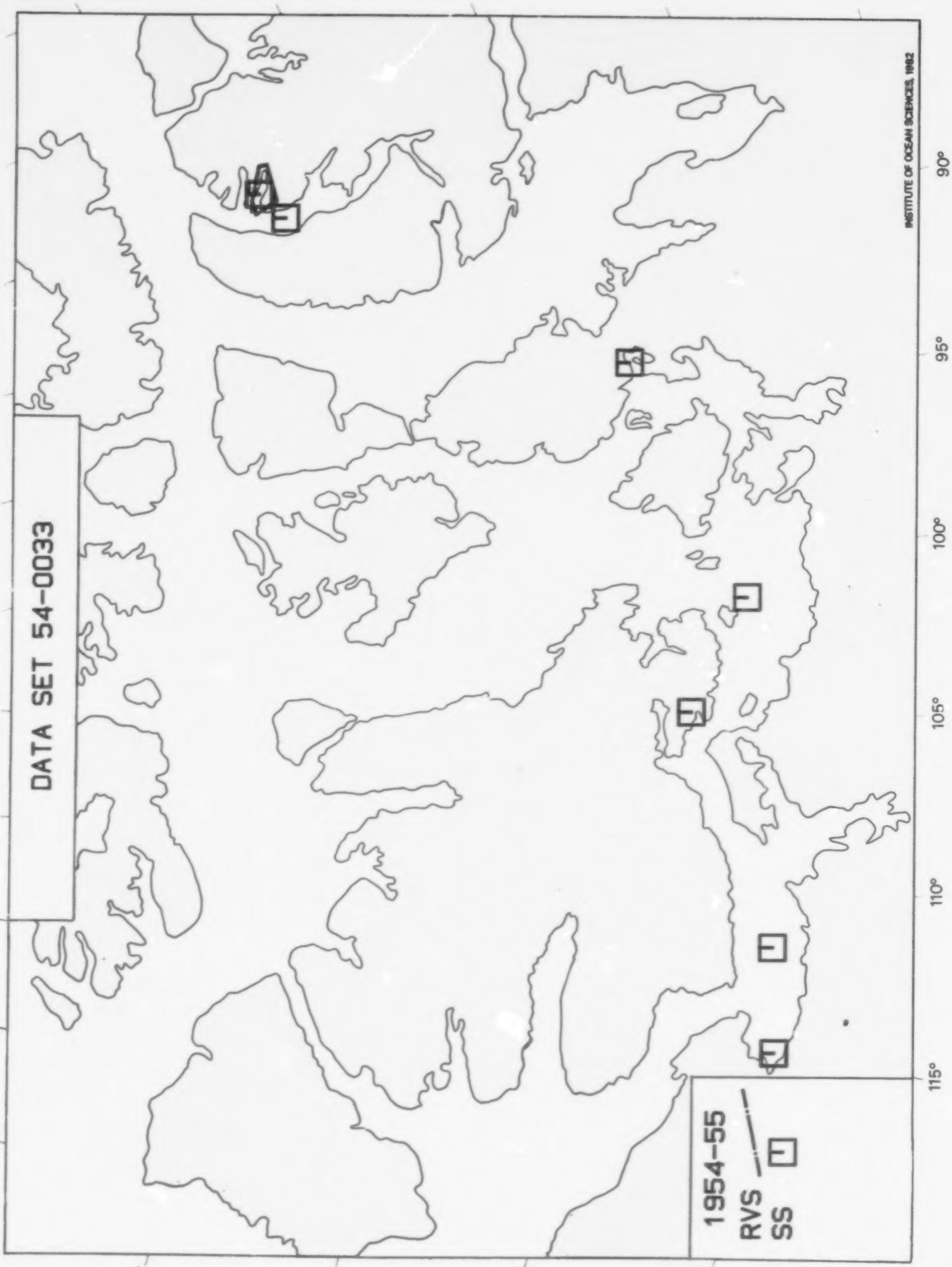
115°


DATA SET 54-0033
1954-55
RVS
SS
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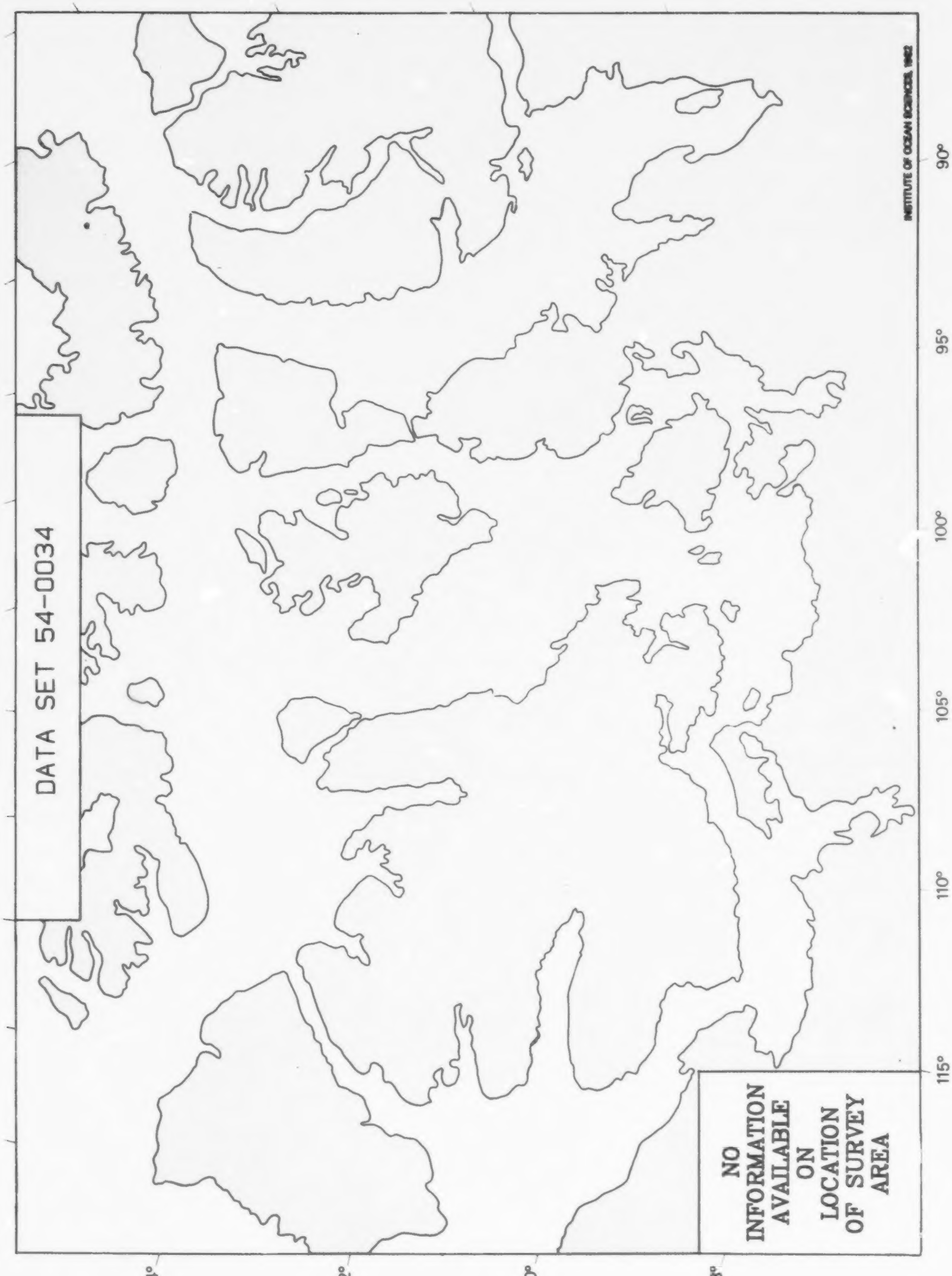
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 54-0034
NO INFORMATION AVAILABLE ON LOCATION OF SURVEY AREA
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72°
70°
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95°
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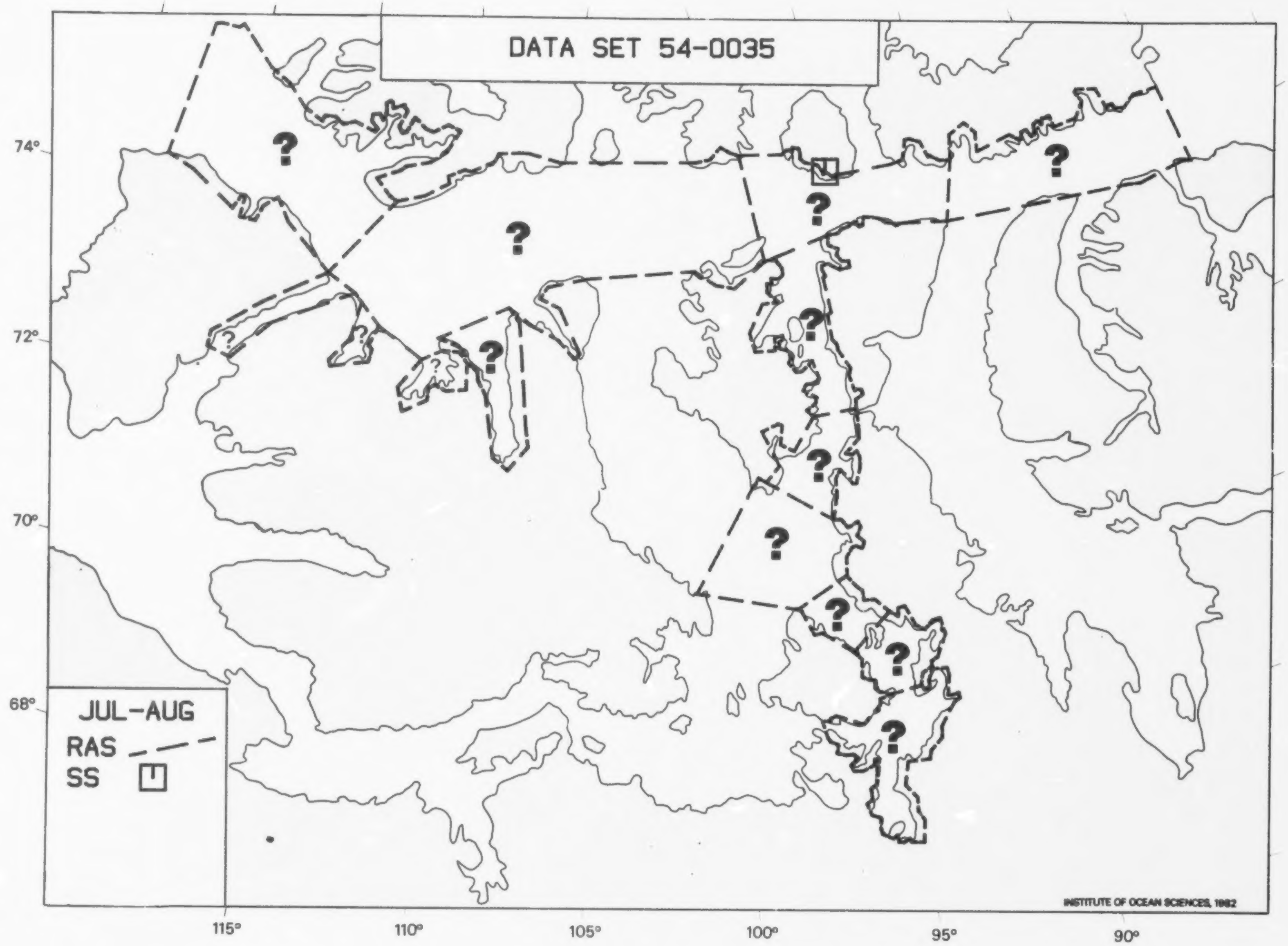
105°
110°
115°

INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 54-0035
74°
72°
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68°
115°
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JUL-AUG
RAS
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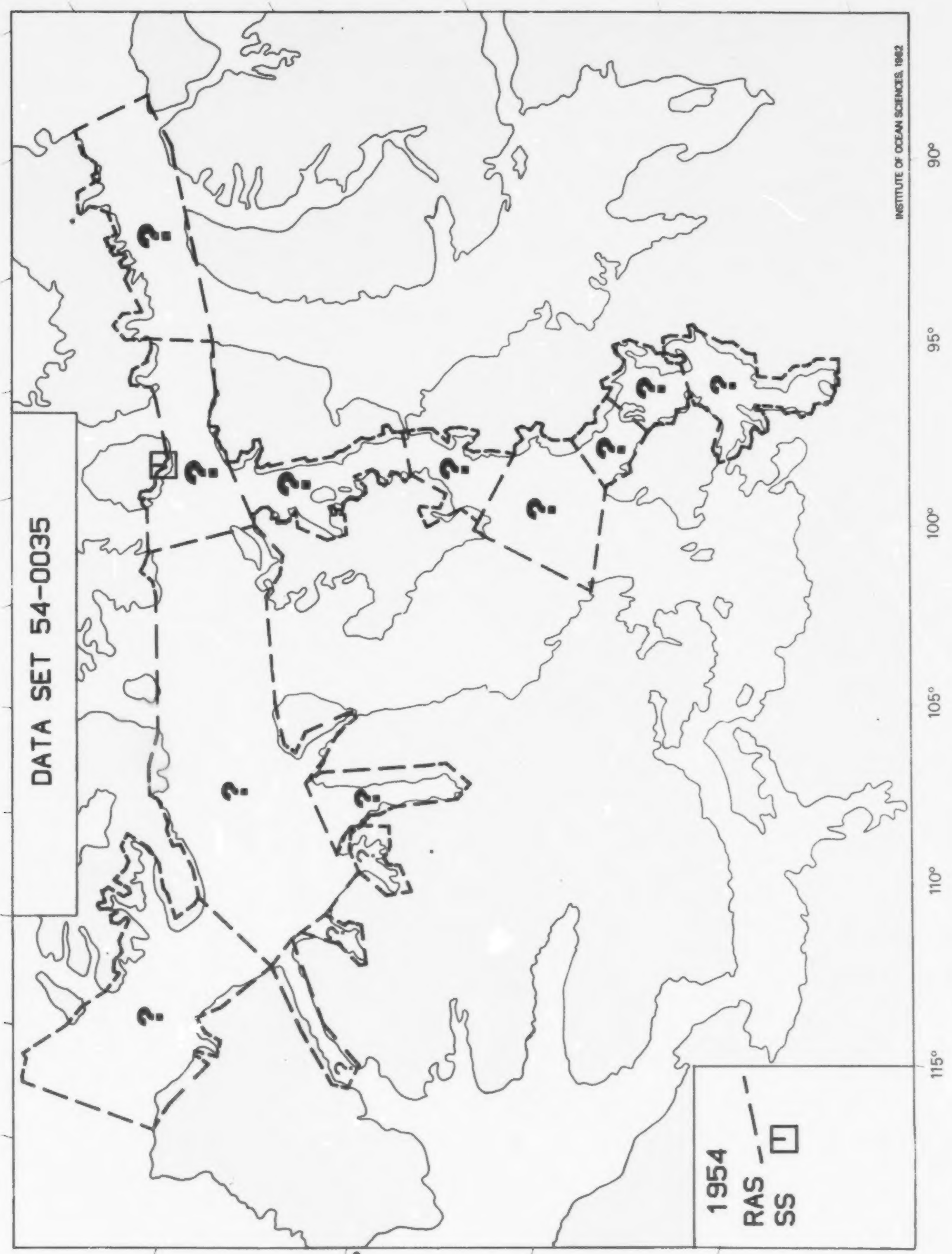
INSTITUTE OF OCEAN SCIENCES, 1982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1954
RAS
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INSTITUTE OF OCEAN SCIENCES, 1982
74°
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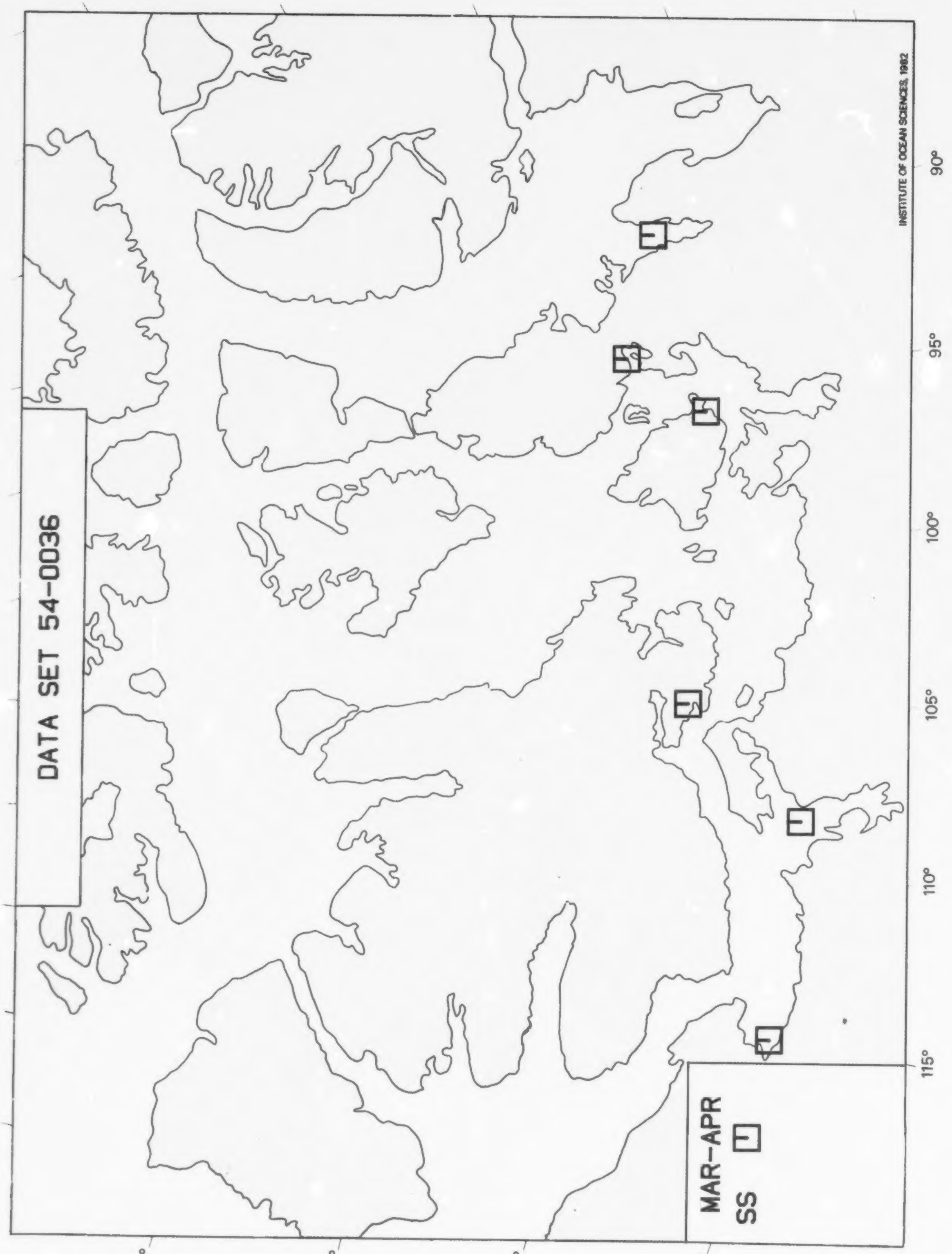
DATA SET 54-0036
MAR-APR
SS
INSTITUTE OF OCEAN SCIENCES, 1982
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95°
100°
105°
110°
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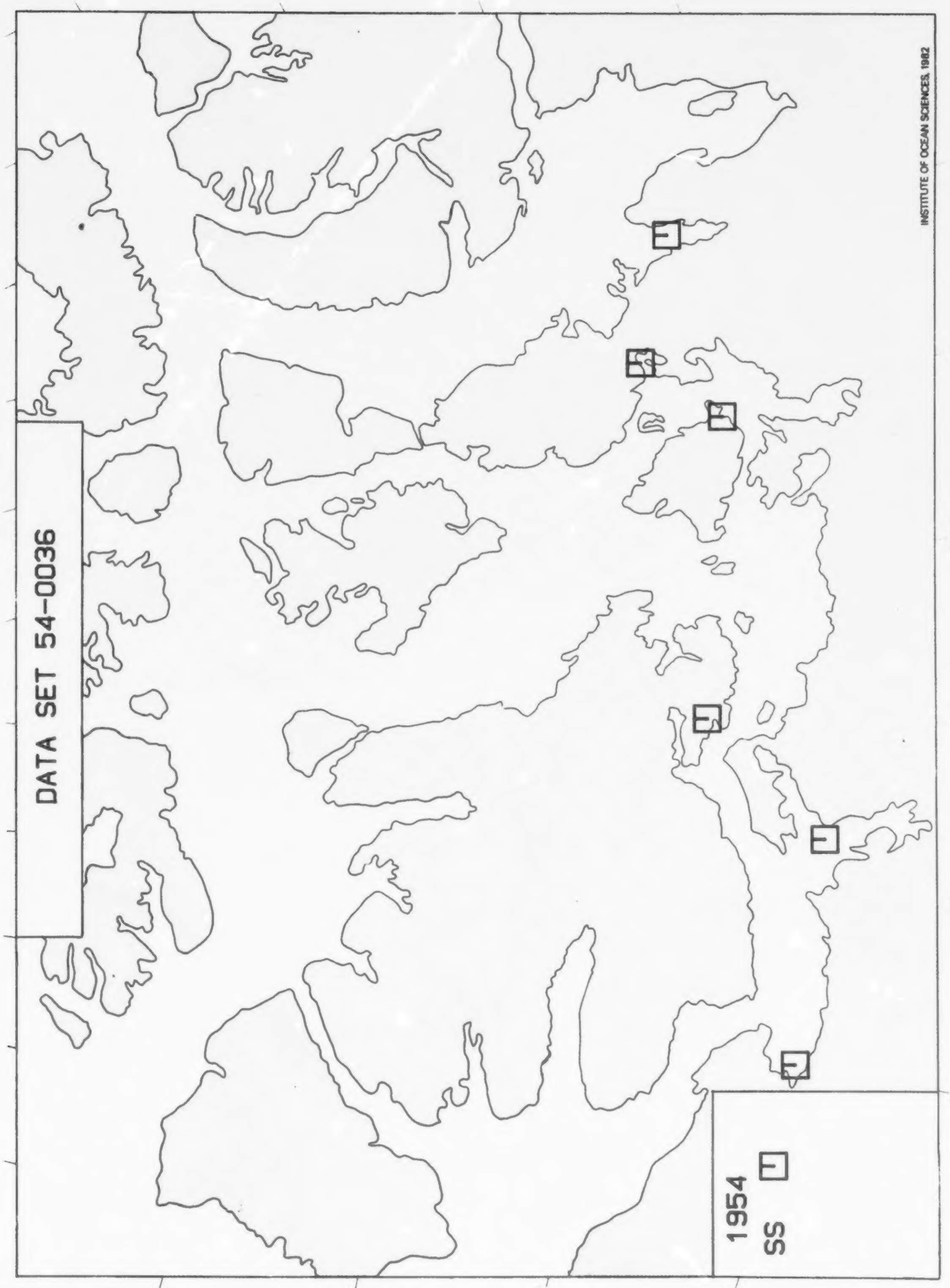
74°
72°
70°
68°


DATA SET 54-0036
1954
SS
INSTITUTE OF OCEAN SCIENCES, 1982
90°
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105°
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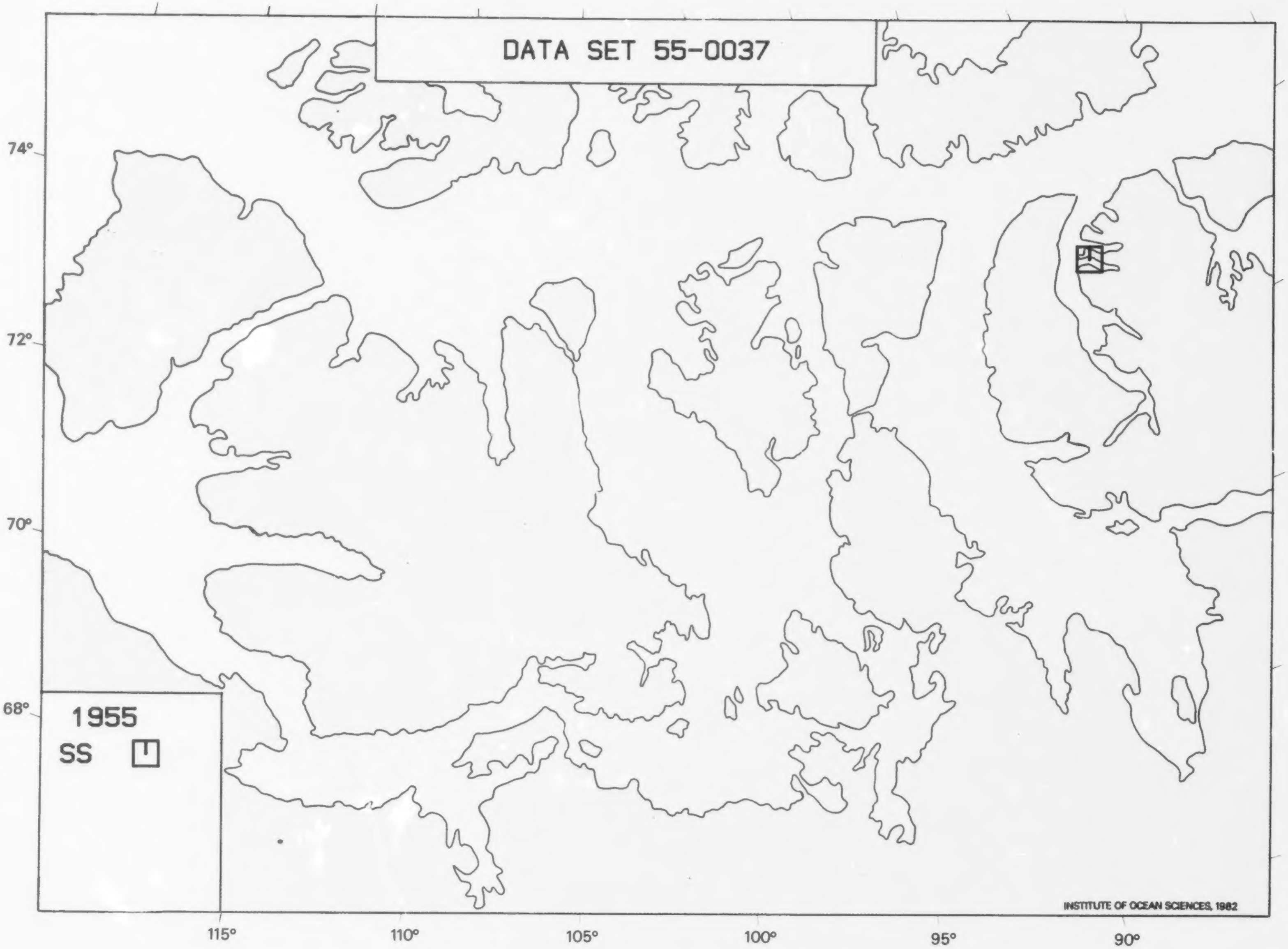
115°
74°
72°
70°
68°


DATA SET 55-0037
1955
SS
5
74°
72°
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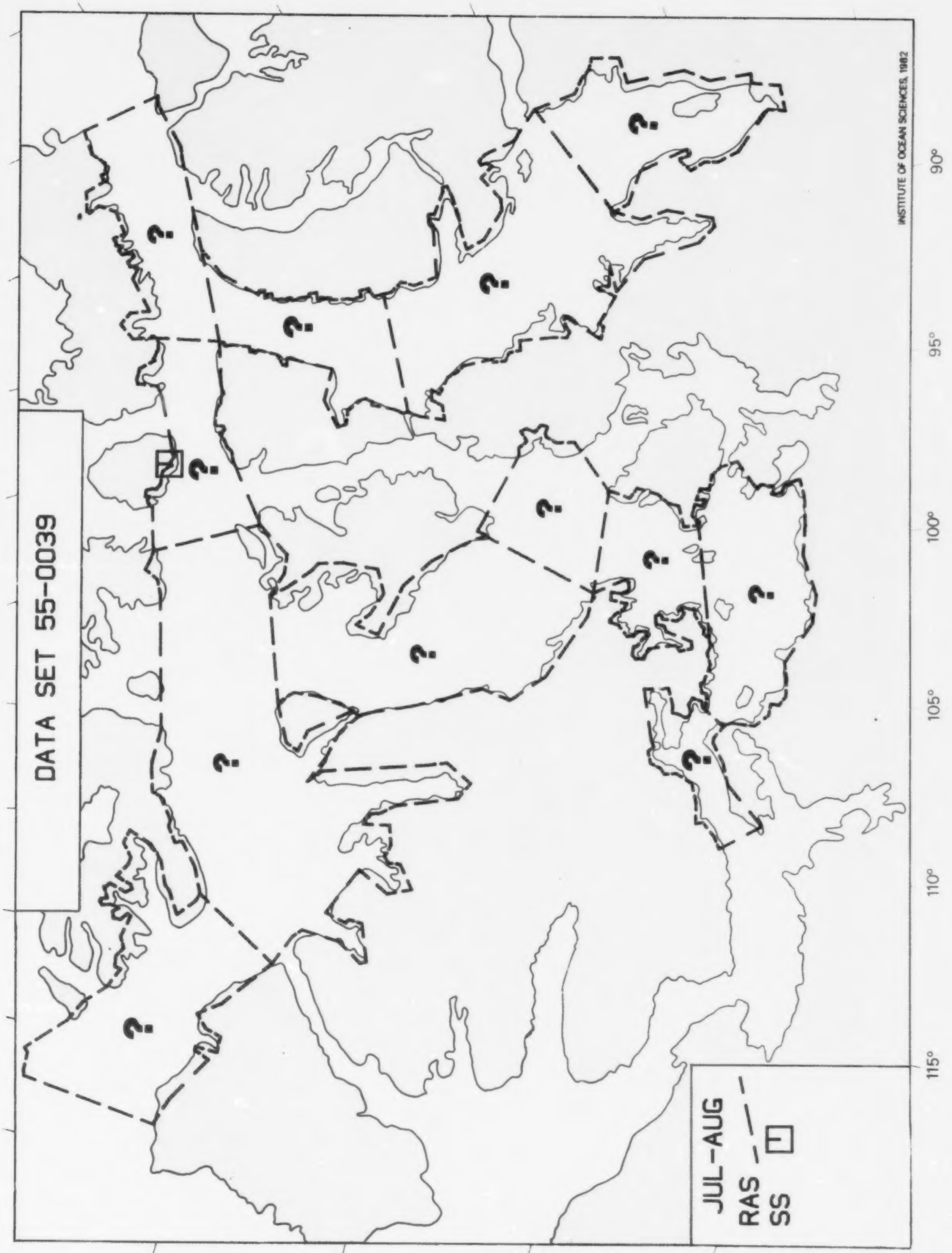
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 55-0039
JUL-AUG
RAS
SS
INSTITUTE OF OCEAN SCIENCES, 1982
74°
72°
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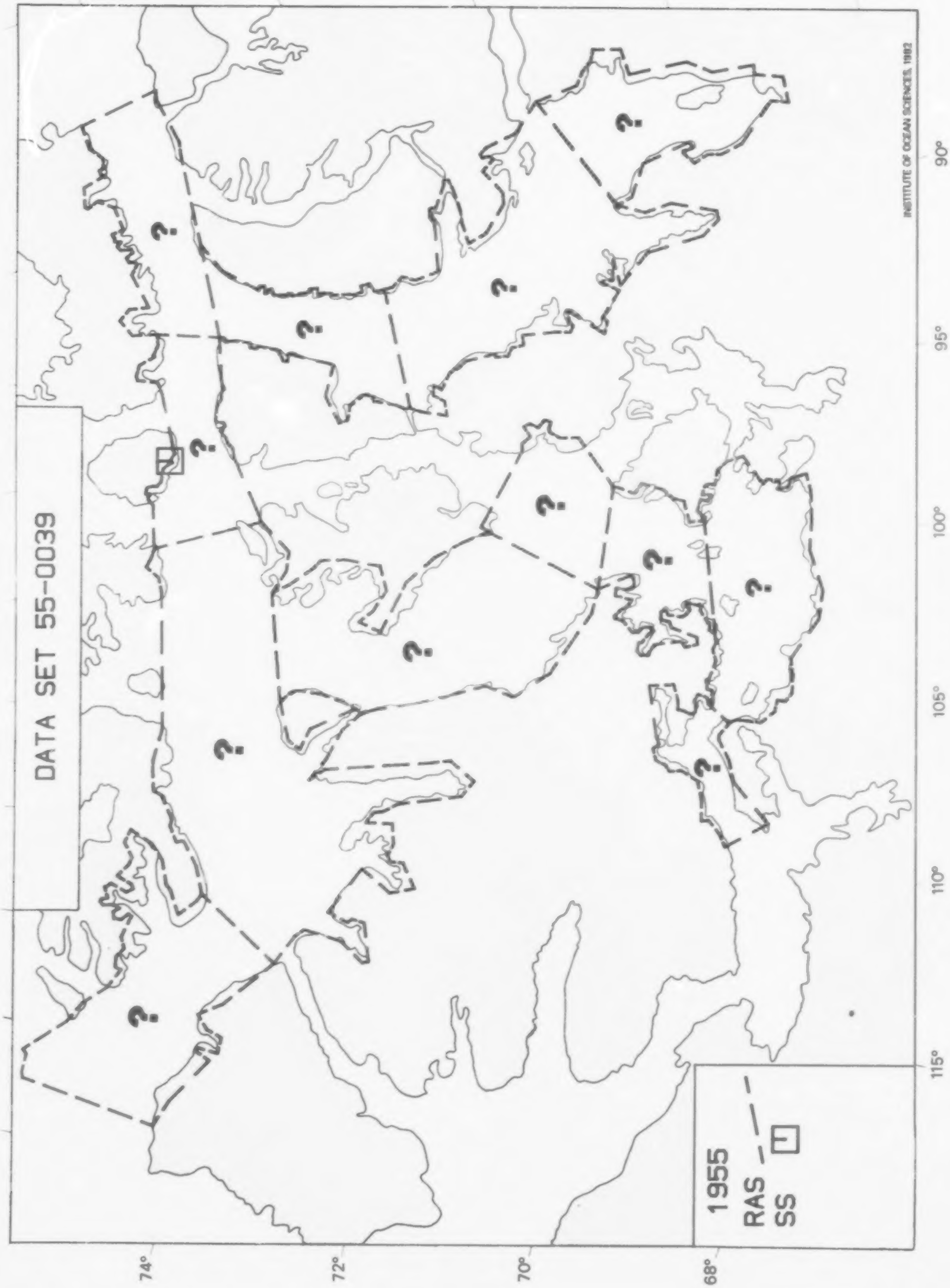
115°


DATA SET 55-0039
1955
RAS
SS
INSTITUTE OF OCEAN SCIENCES, 1982
74°
72°
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115°
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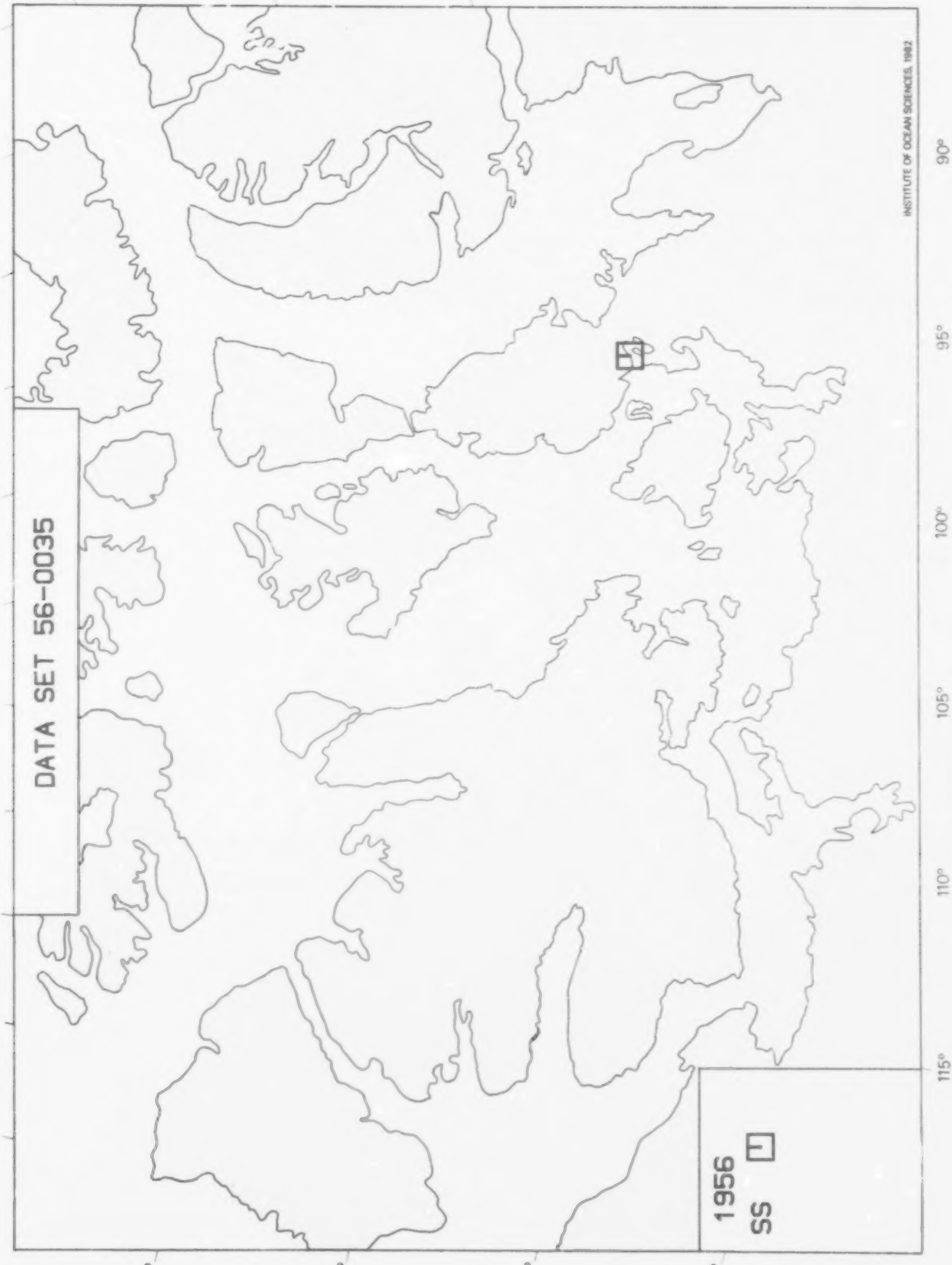
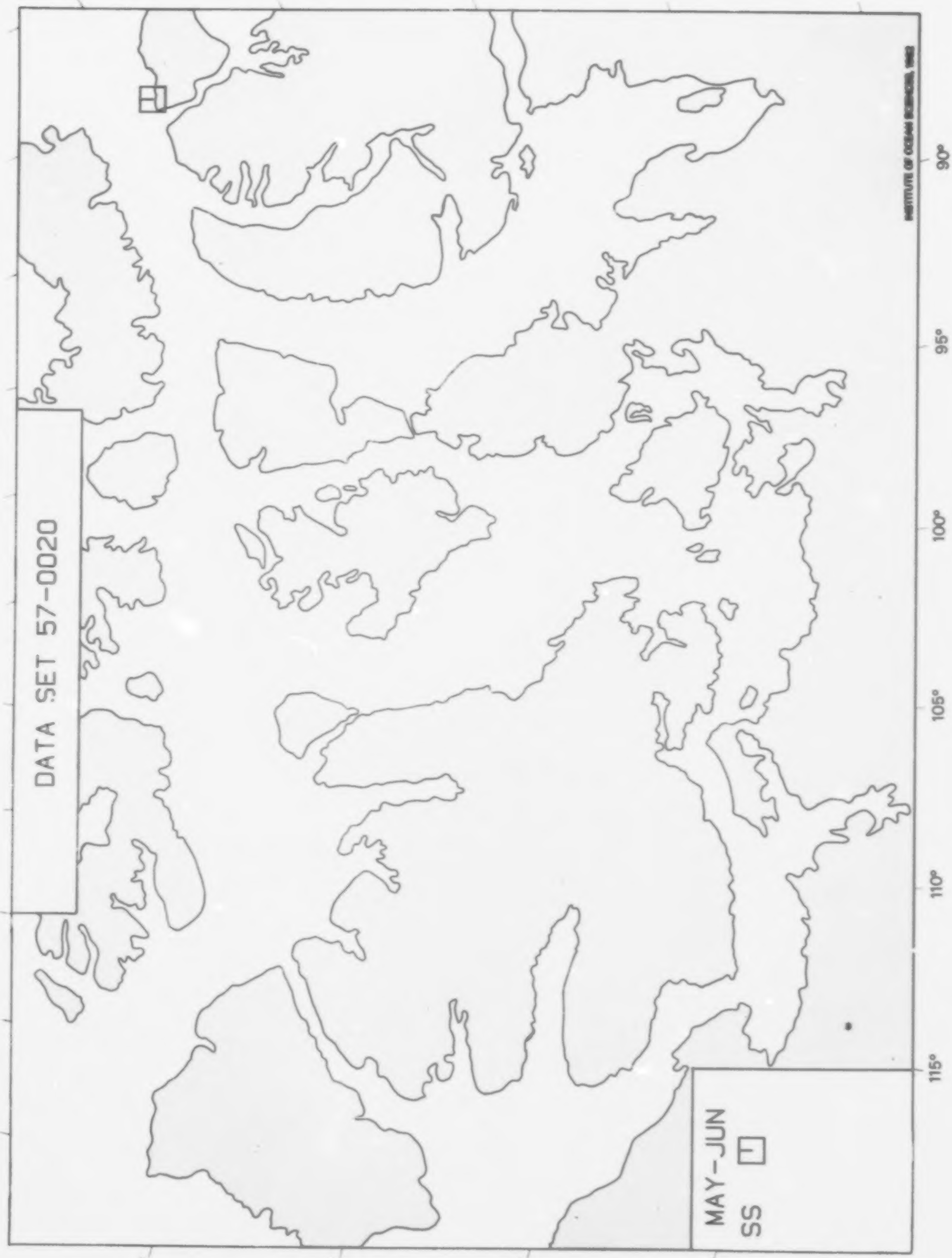

DATA SET 56-0035
1956
SS
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 57-0020
MAY–JUN
SS
74°
72°
70°
68°
90°
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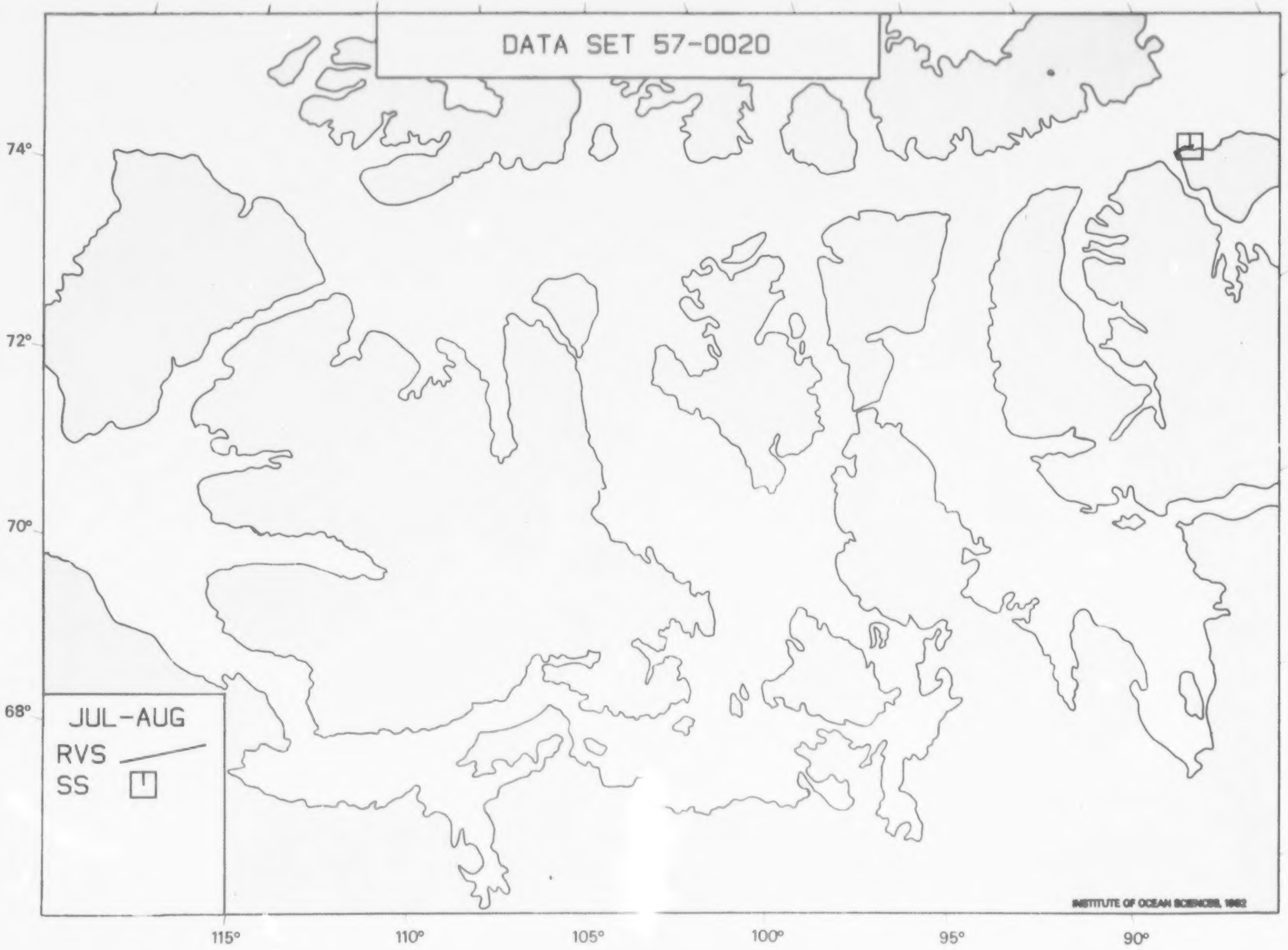
115°


DATA SET 57-0020
74°
72°
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68°
115°
110°
105°
100°
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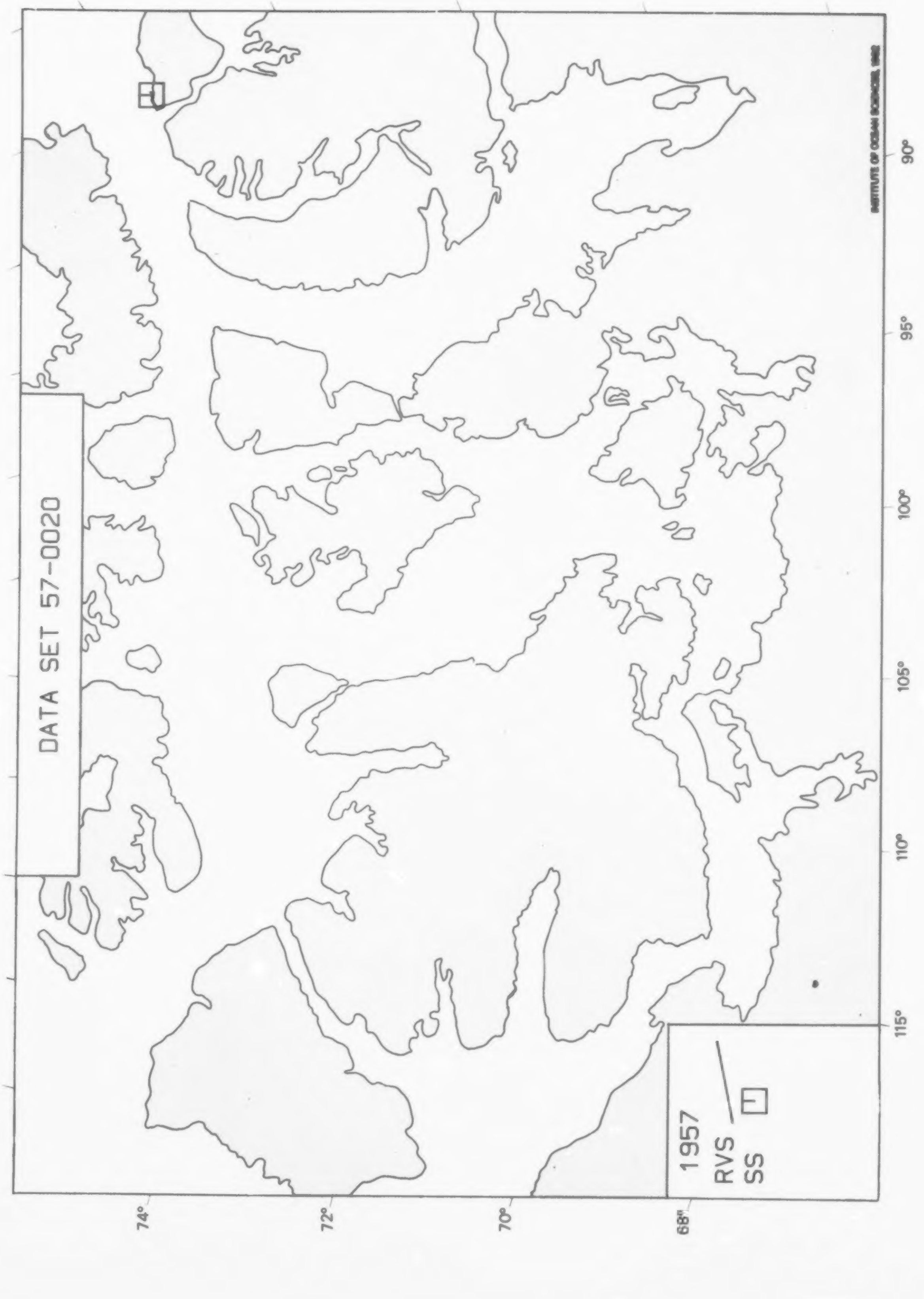
90°
JUL-AUG
RVS
SS
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 57-0020
1957
RVS
SS
74°
72°
70°
68°
90°
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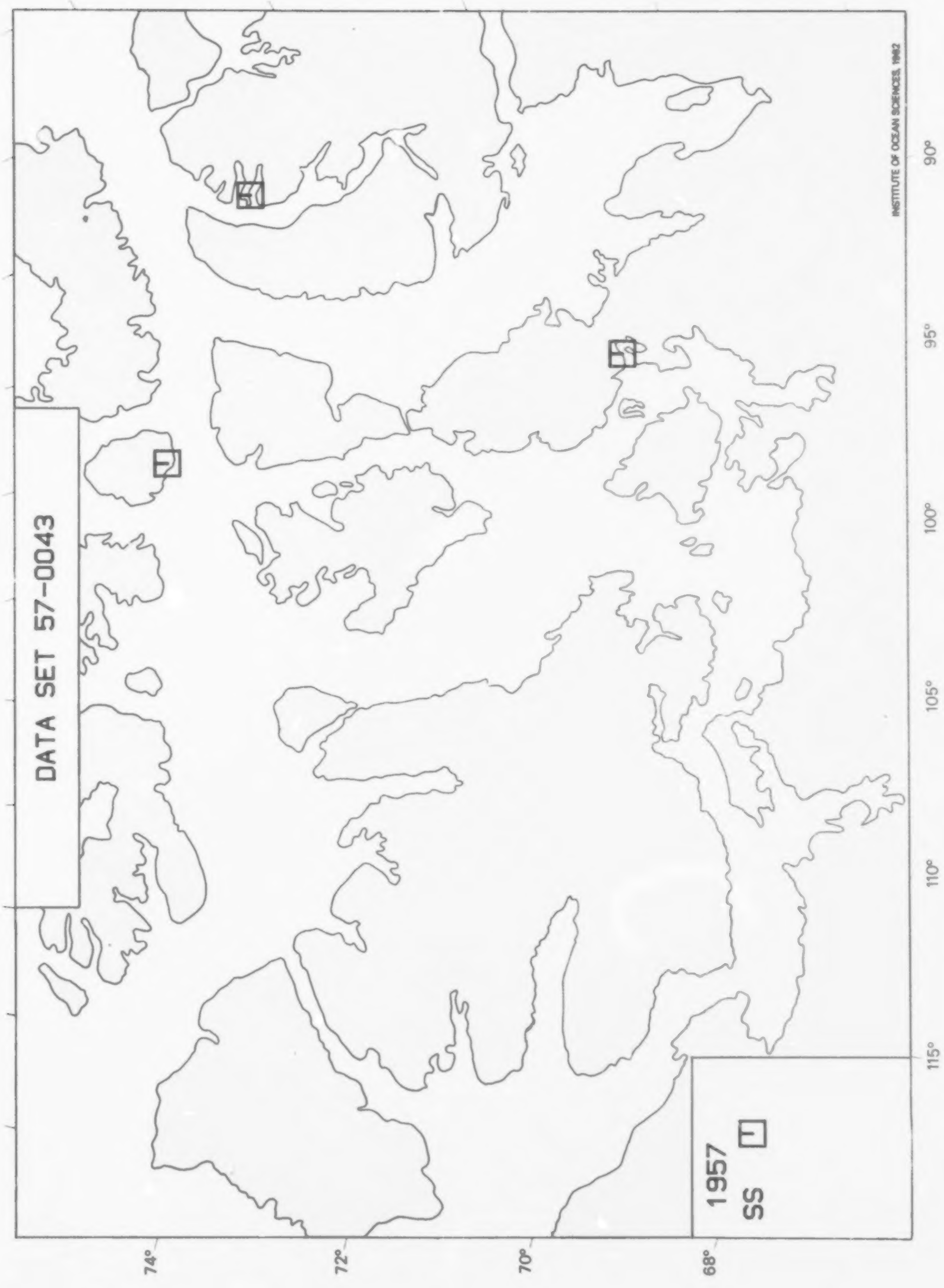
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 57-0043
1957
SS
74°
72°
70°
68°
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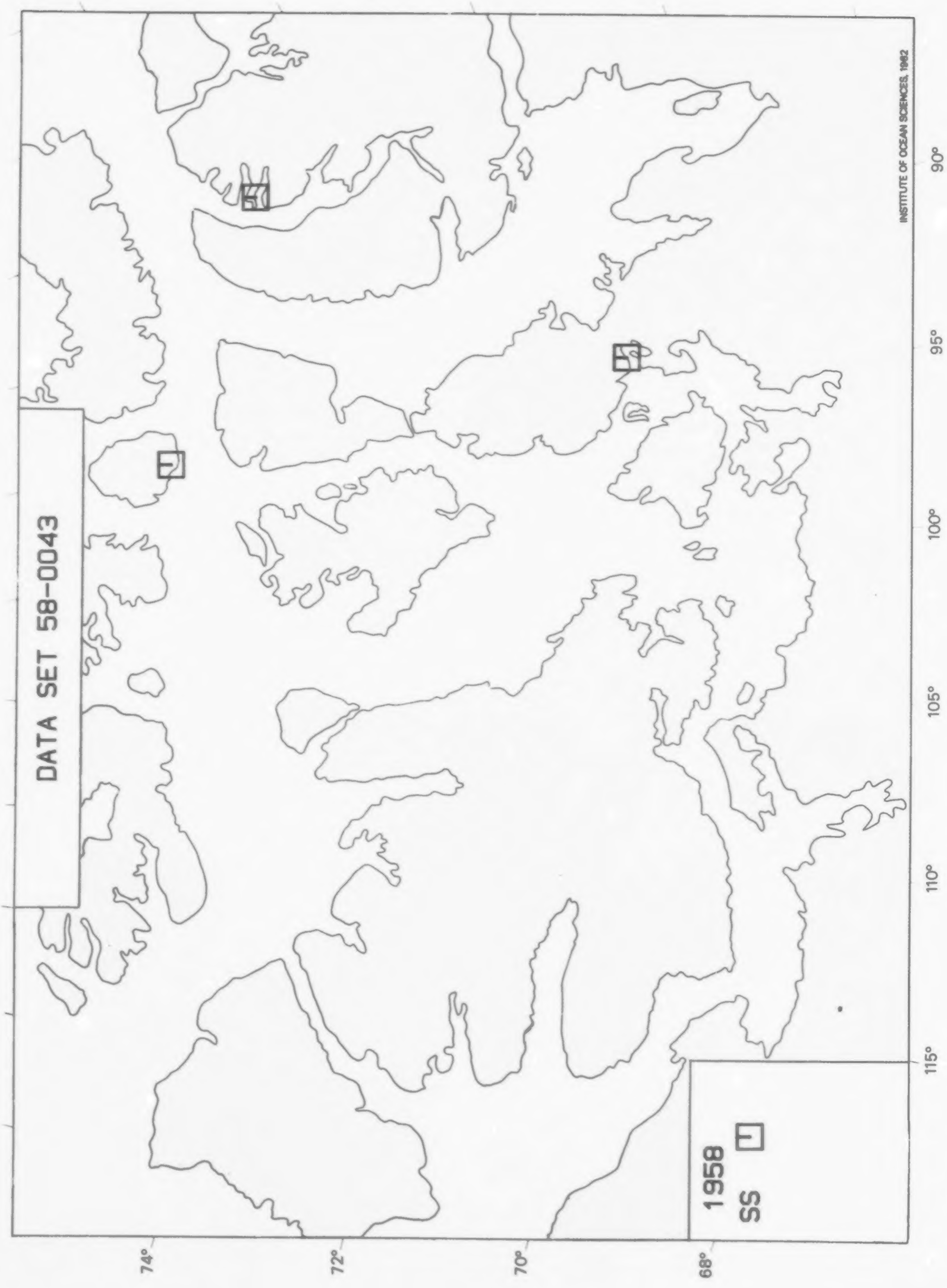
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 58-0043
1958
SS
74°
72°
70°
68°
90°
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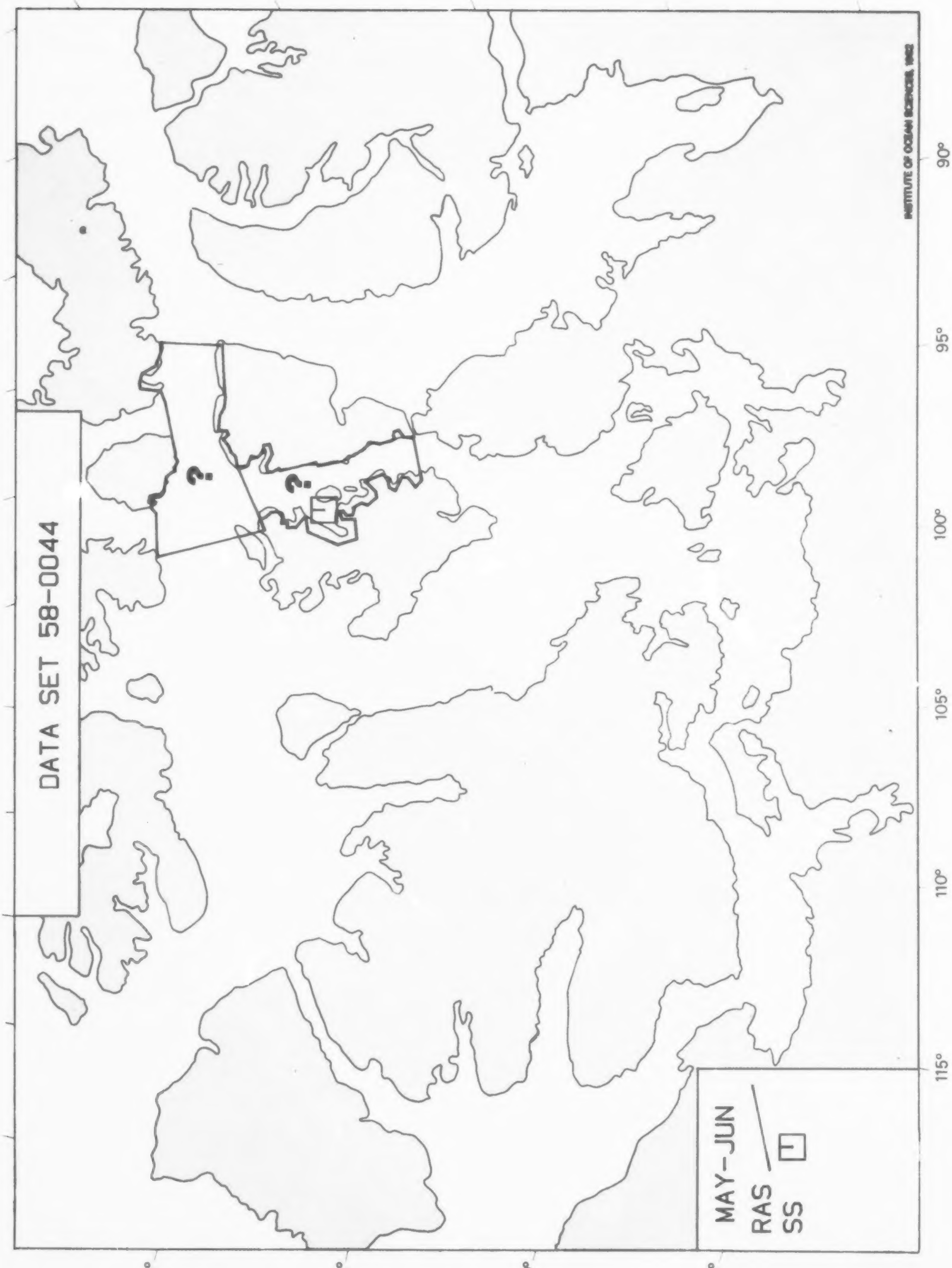
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 58-0044
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MAY-JUN
RAS
SS
74°
72°
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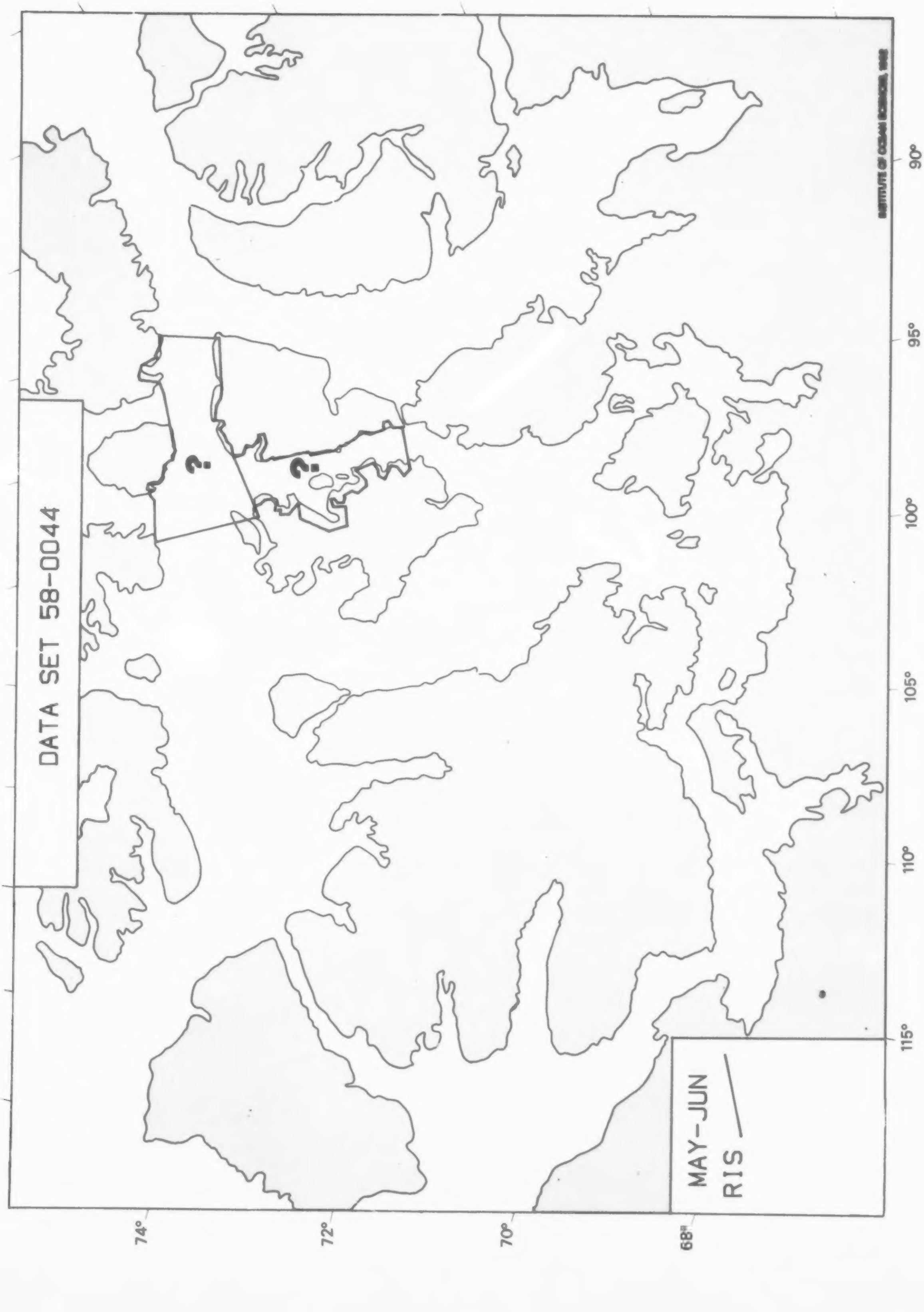
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 58-0044
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MAY-JUN
RIS
74°
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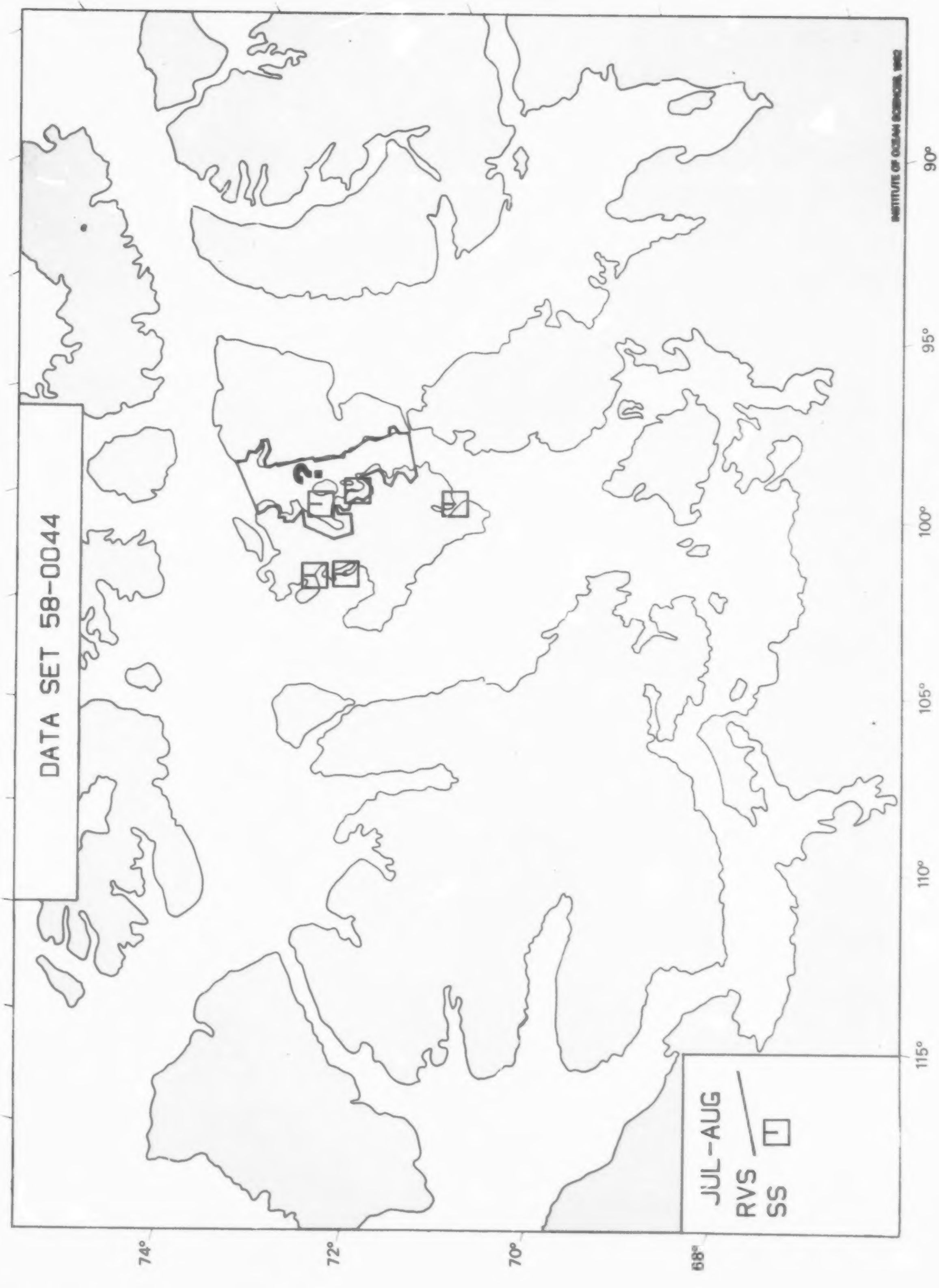
DATA SET 58-0044
JUL-AUG
RVS
SS
74°
72°
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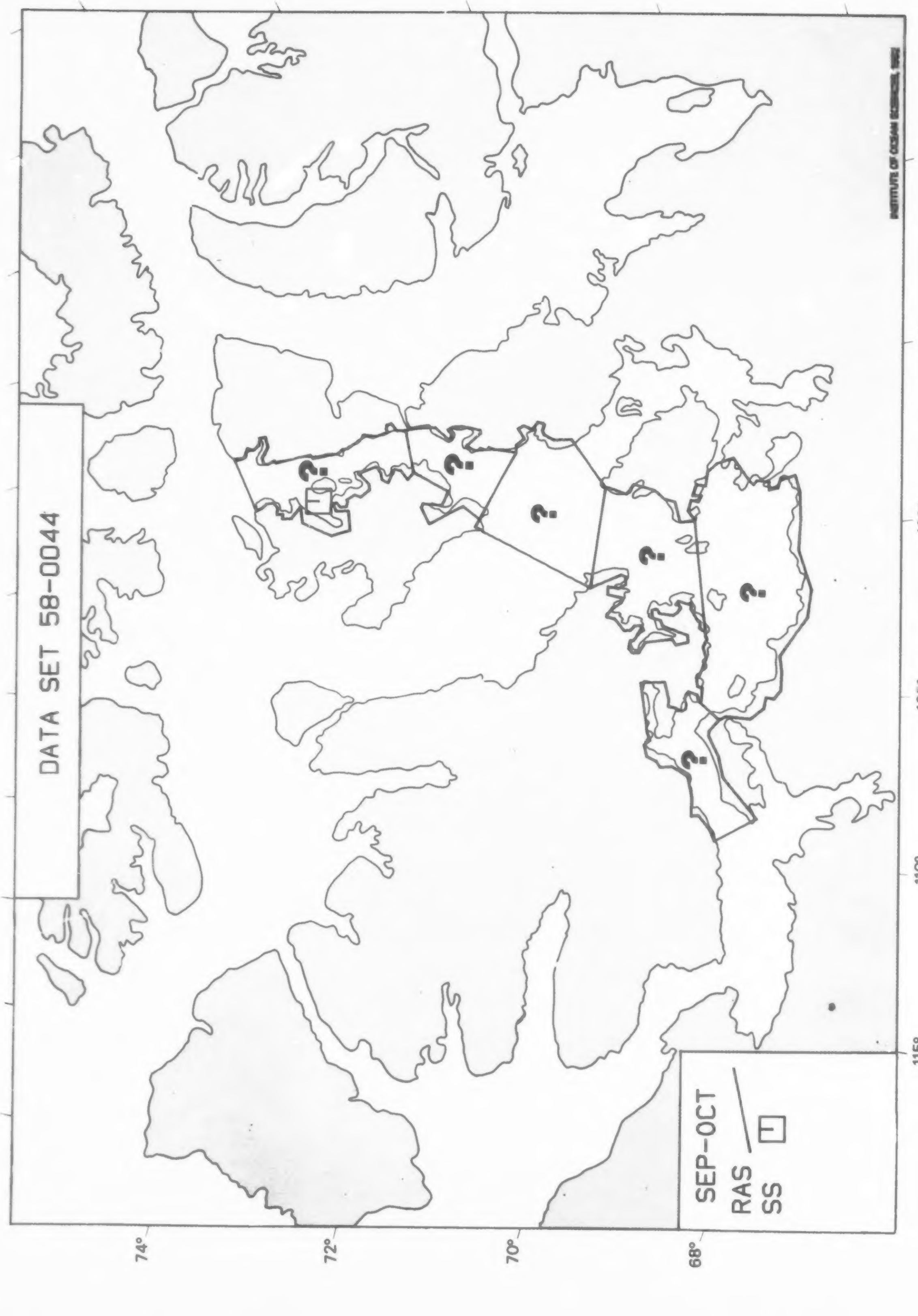
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 58-0044
SEP-OCT
RAS
SS
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74°
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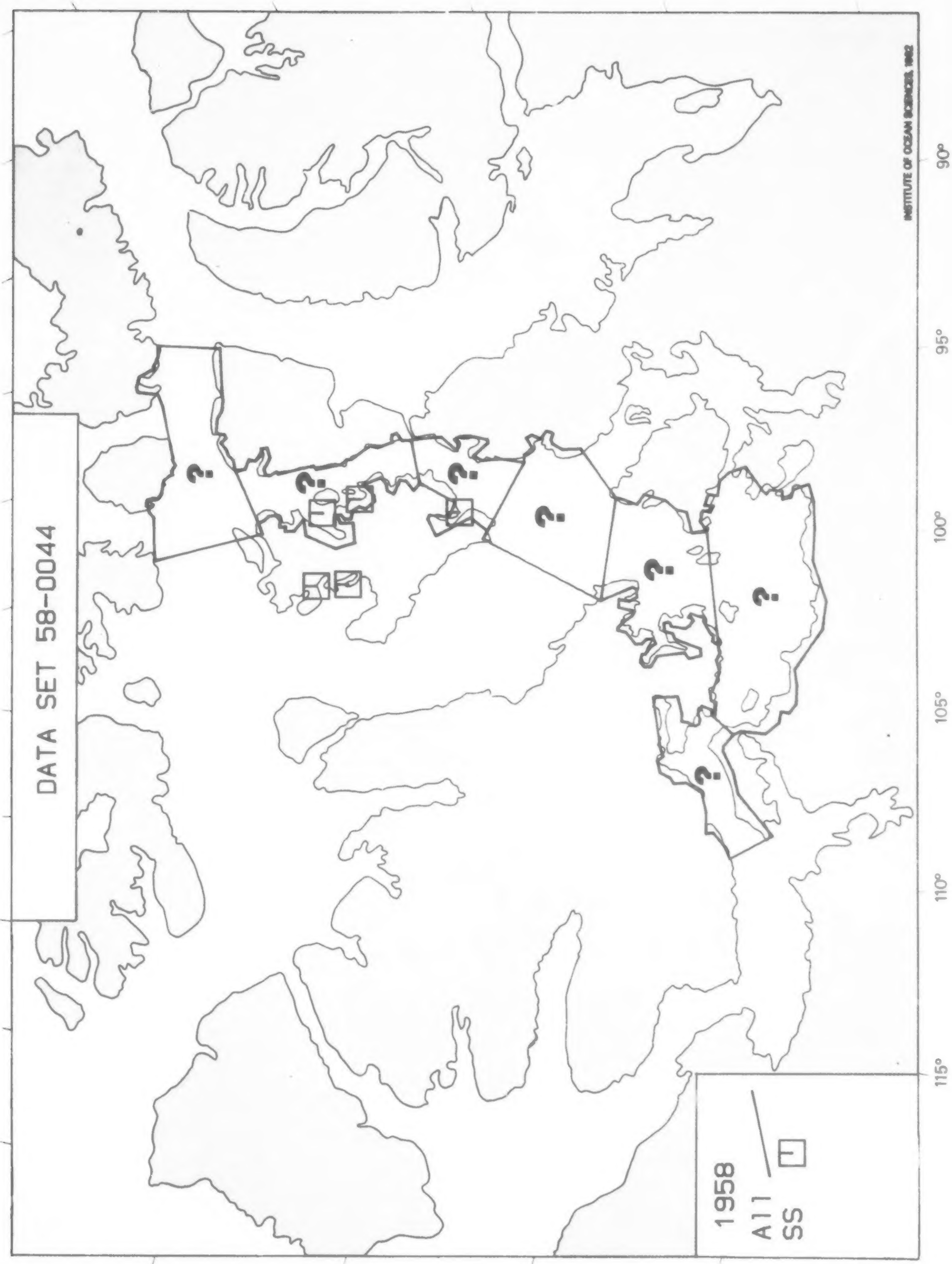
INSTITUTE OF OCEAN SCIENCES,


DATA SET 58-0044
1958
A11
SS
INSTITUTE OF OCEAN SCIENCES 1982
74°
72°
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68°
90°
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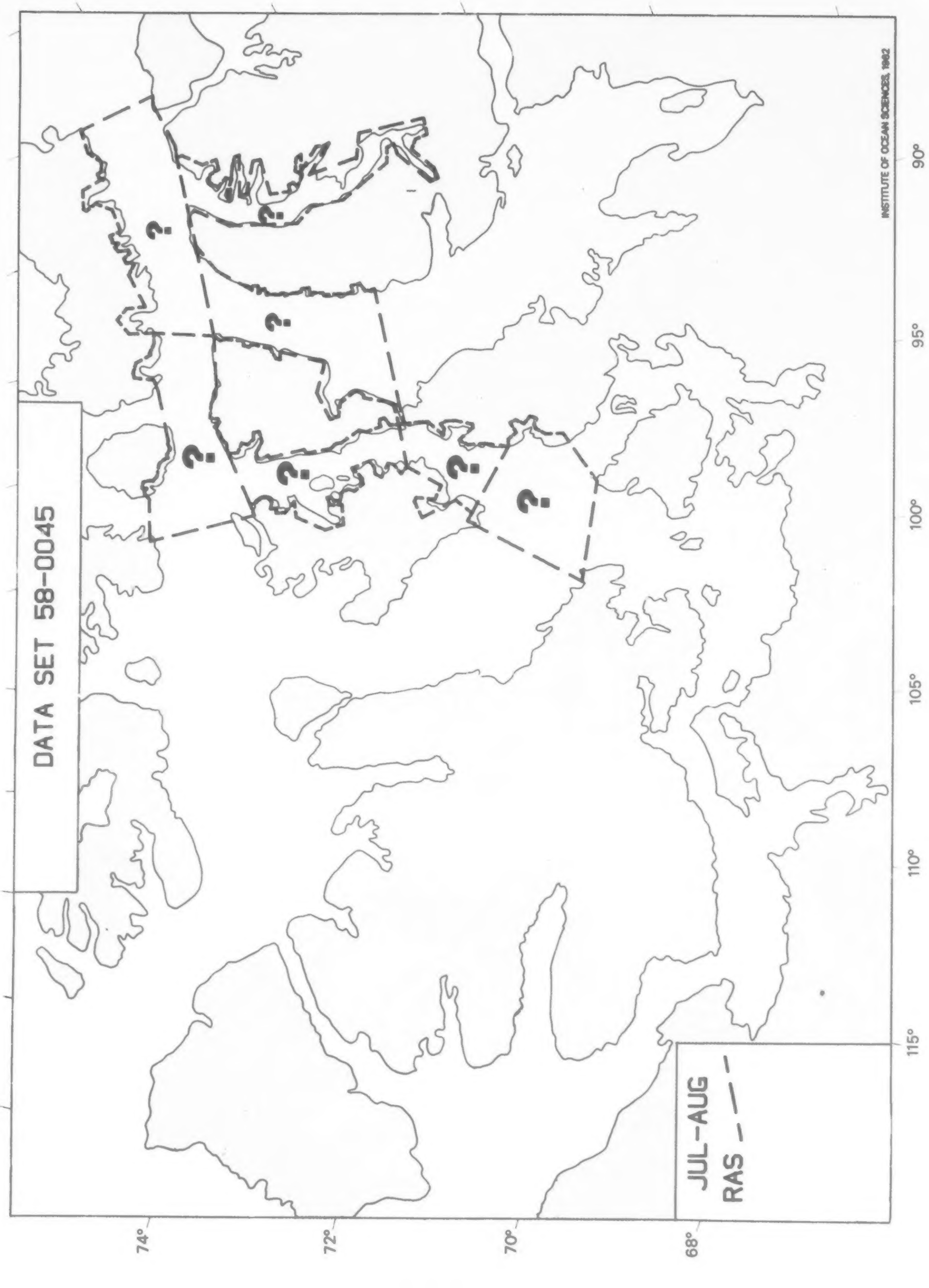
115°


DATA SET 58-0045
JUL-AUG
RAS
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74°
72°
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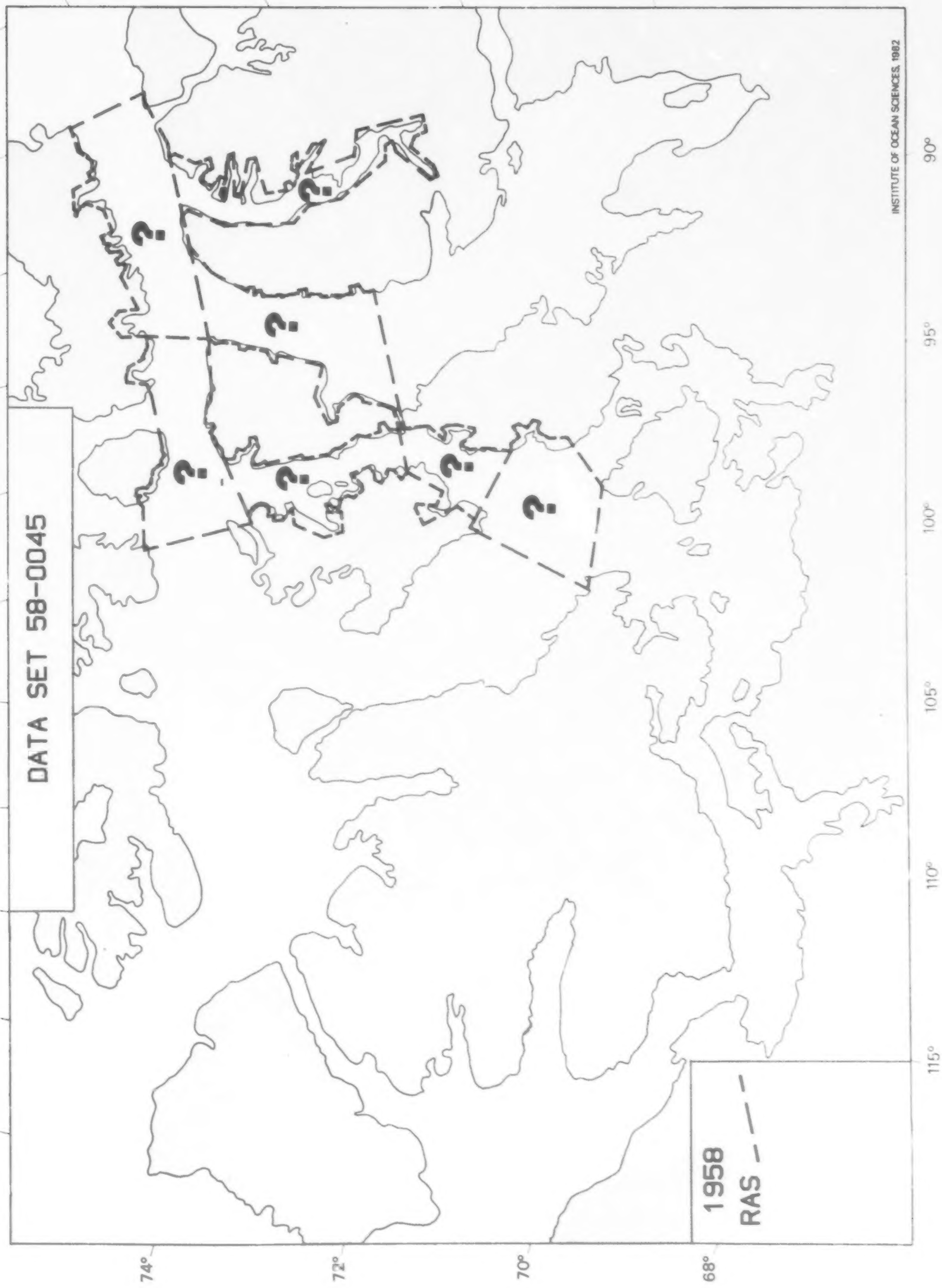
115°
INSTITUTE OF OCEAN SCIENCES, 1982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RAS
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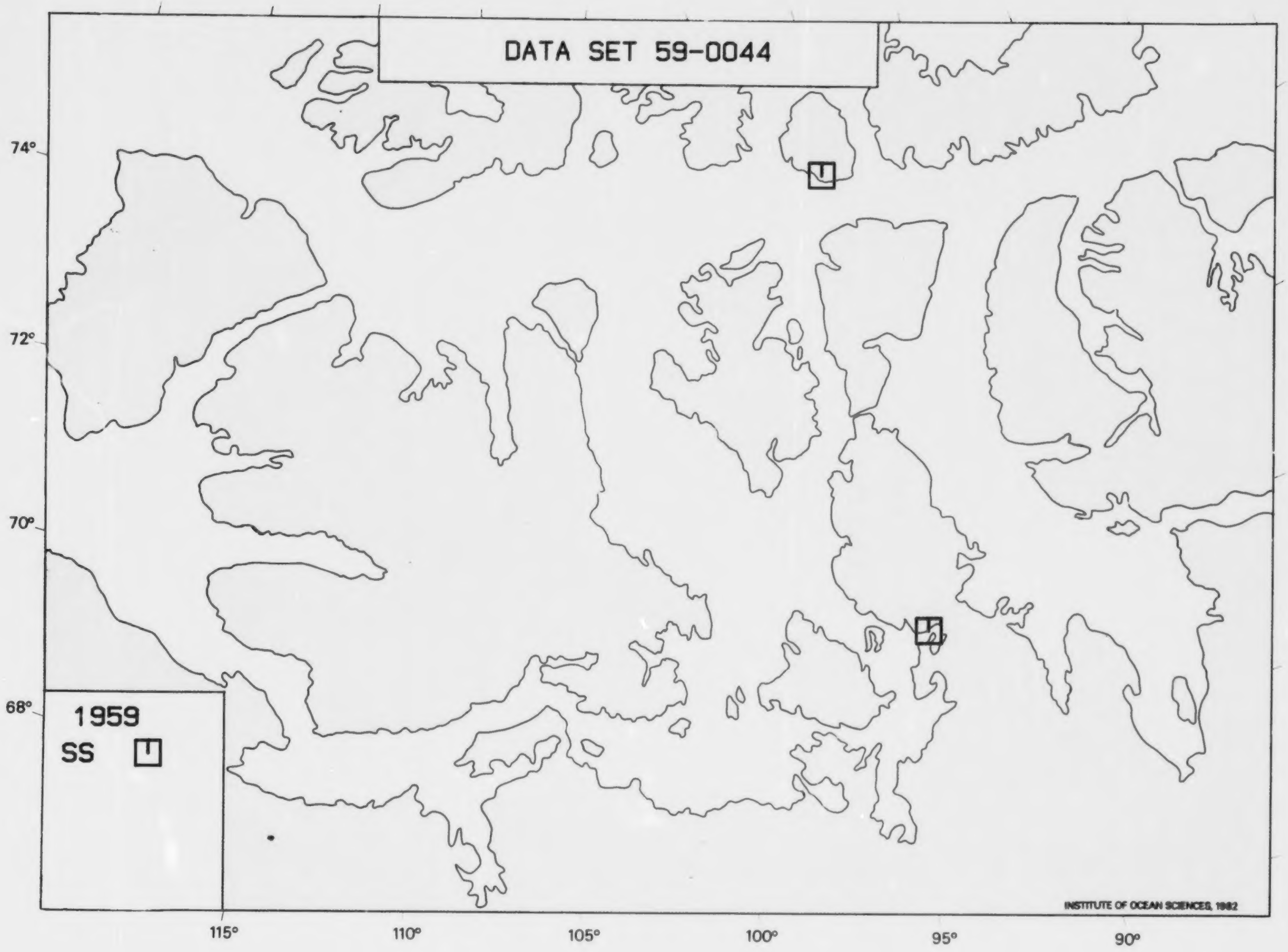
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982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1959
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105°
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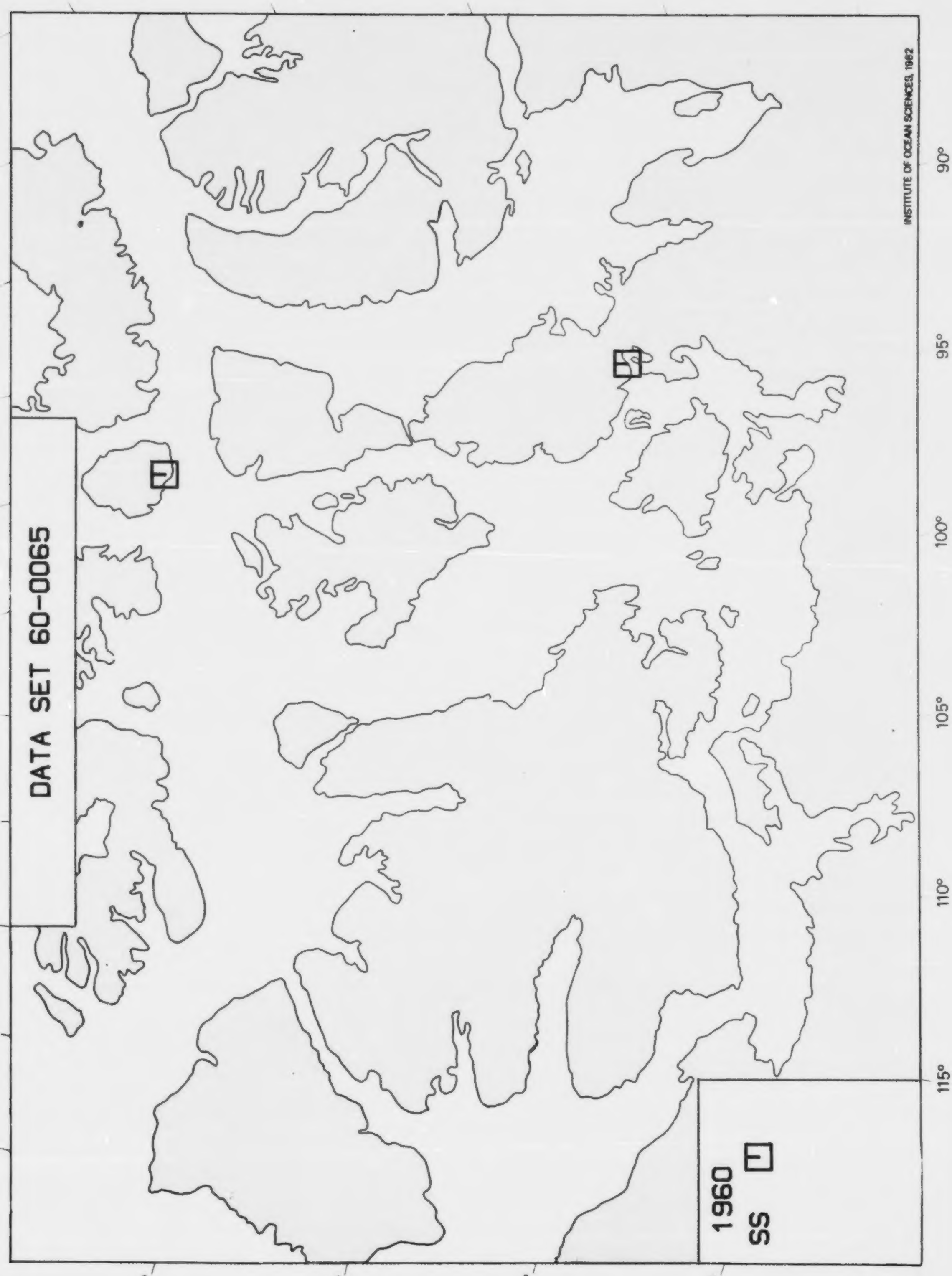
INSTITUTE OF OCEAN SCIENCES, 1982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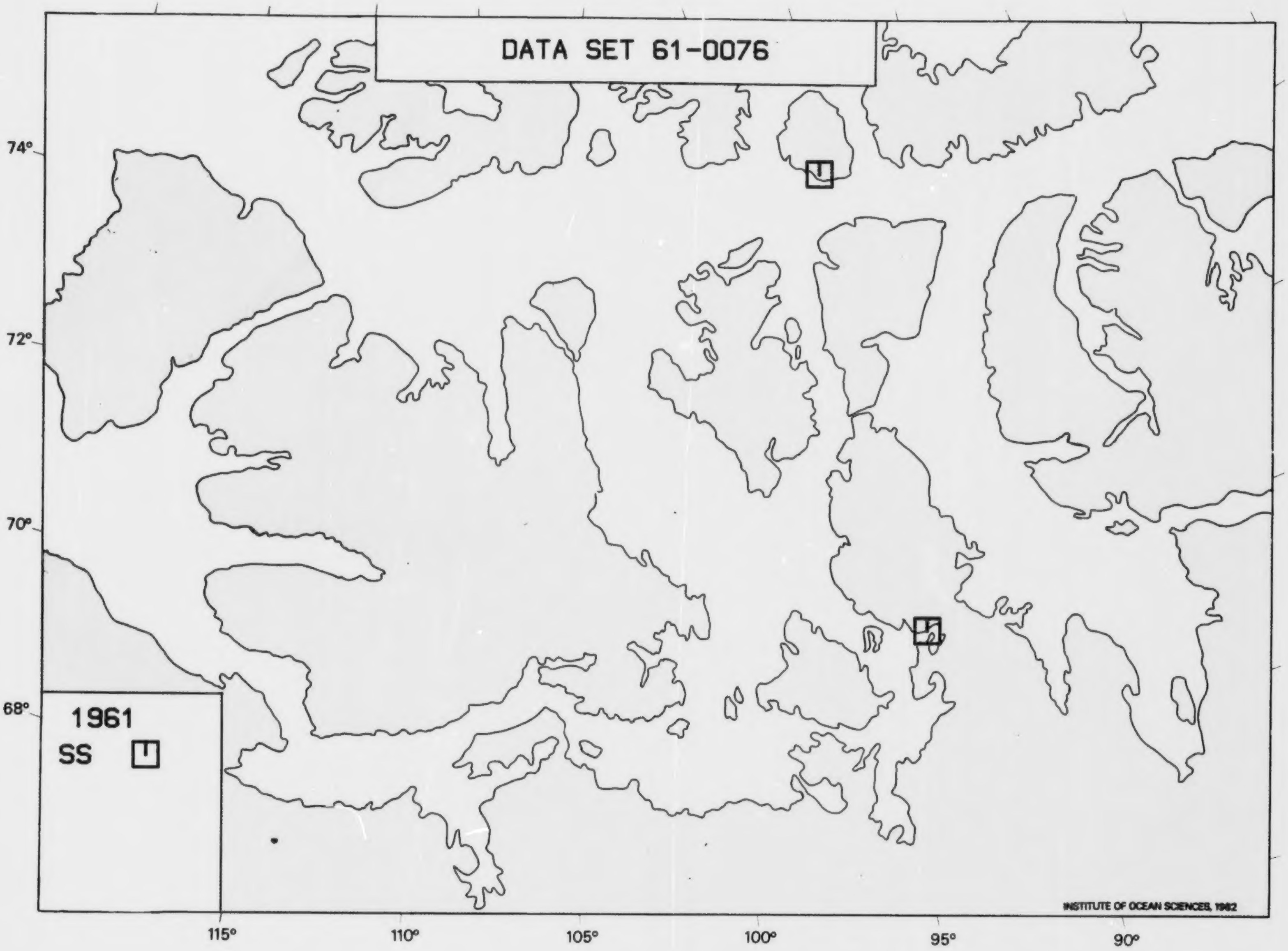
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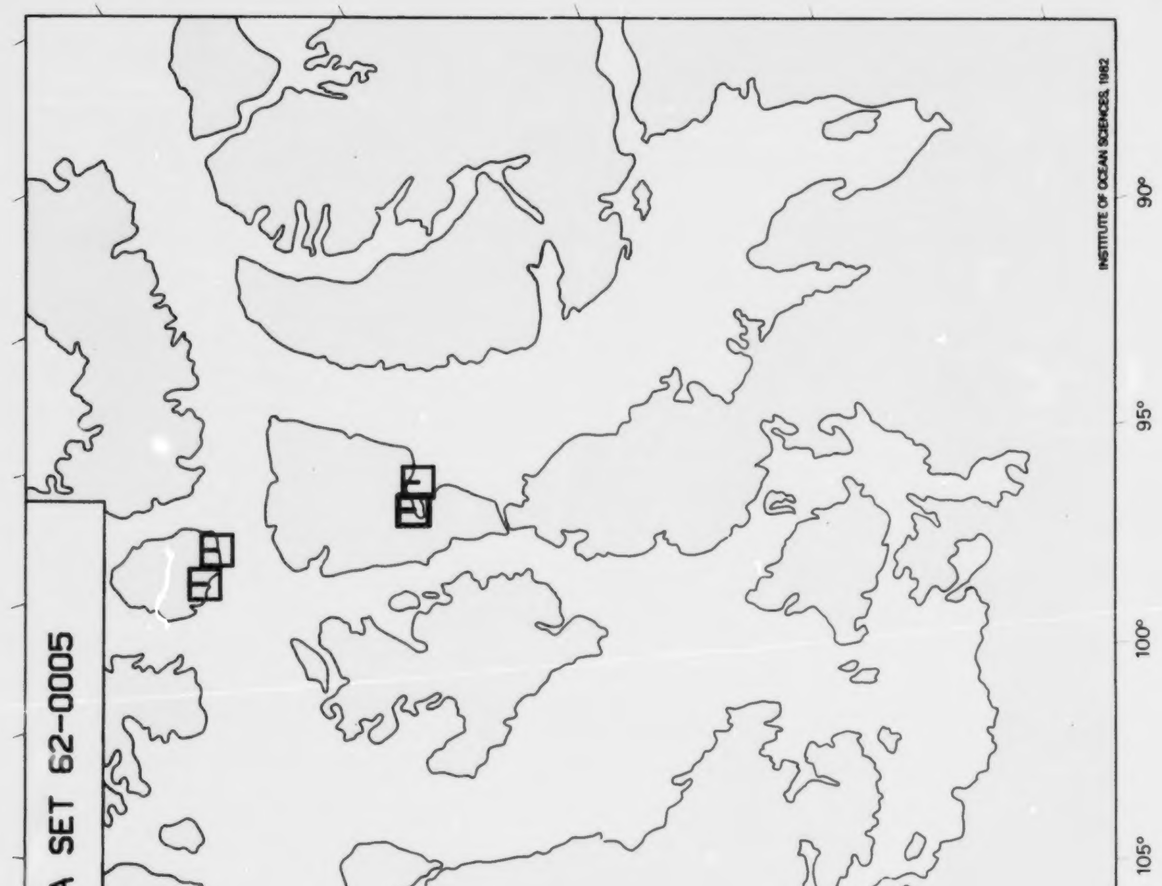
INSTITUTE OF OCEAN SCIENCES, 1982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MAY–JUN
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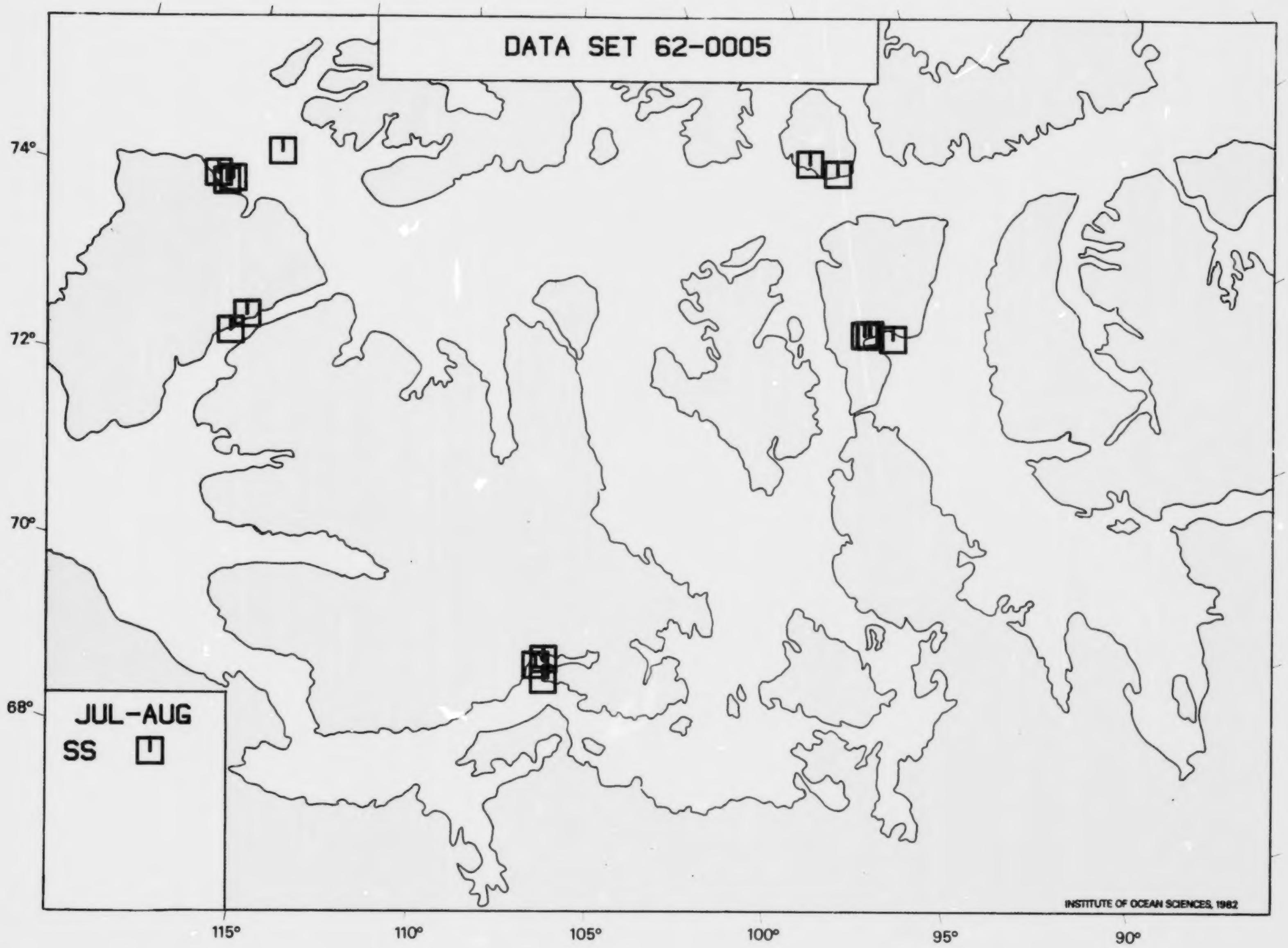
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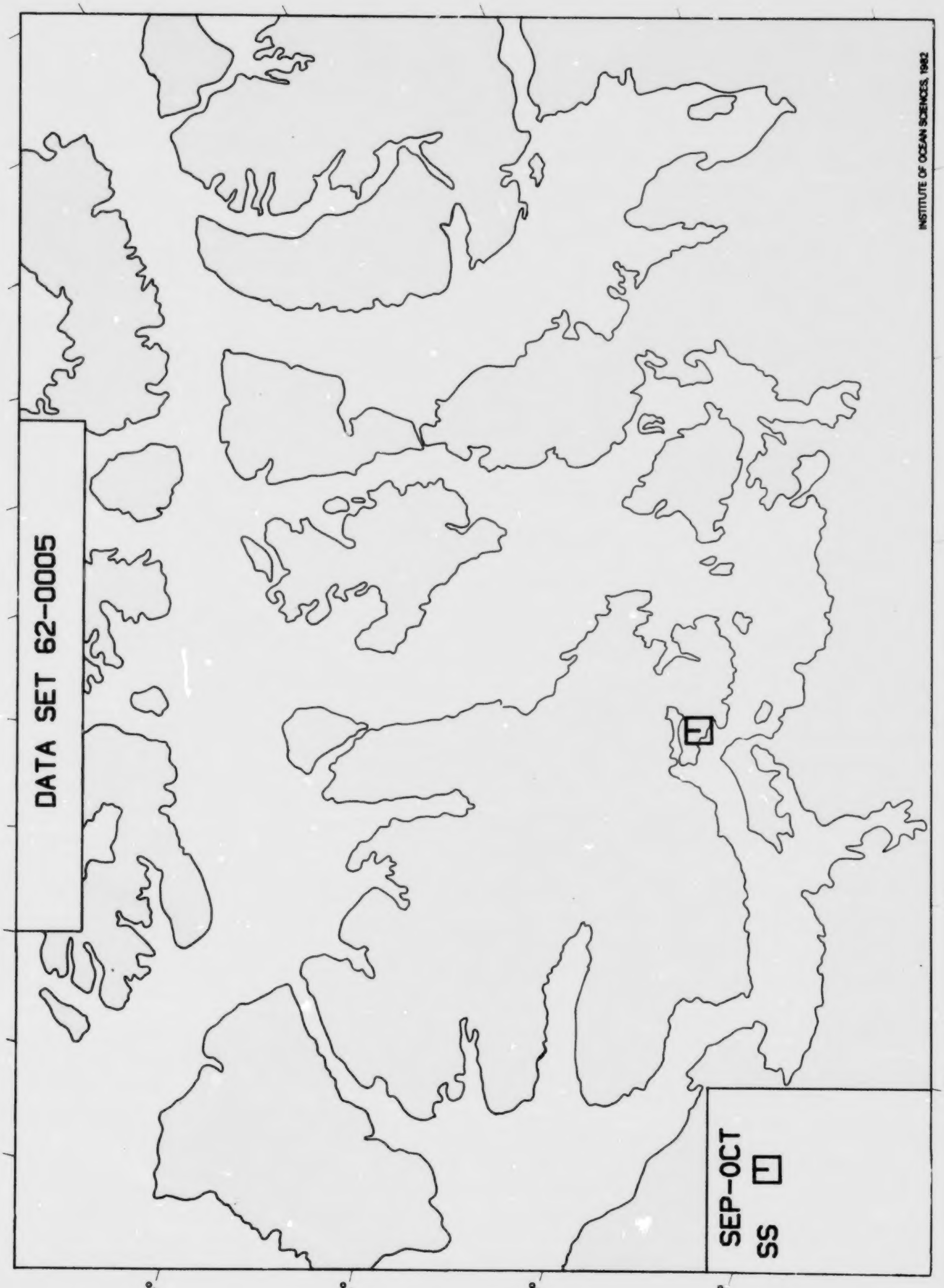
INSTITUTE OF OCEAN SCIENCES, 1982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SS
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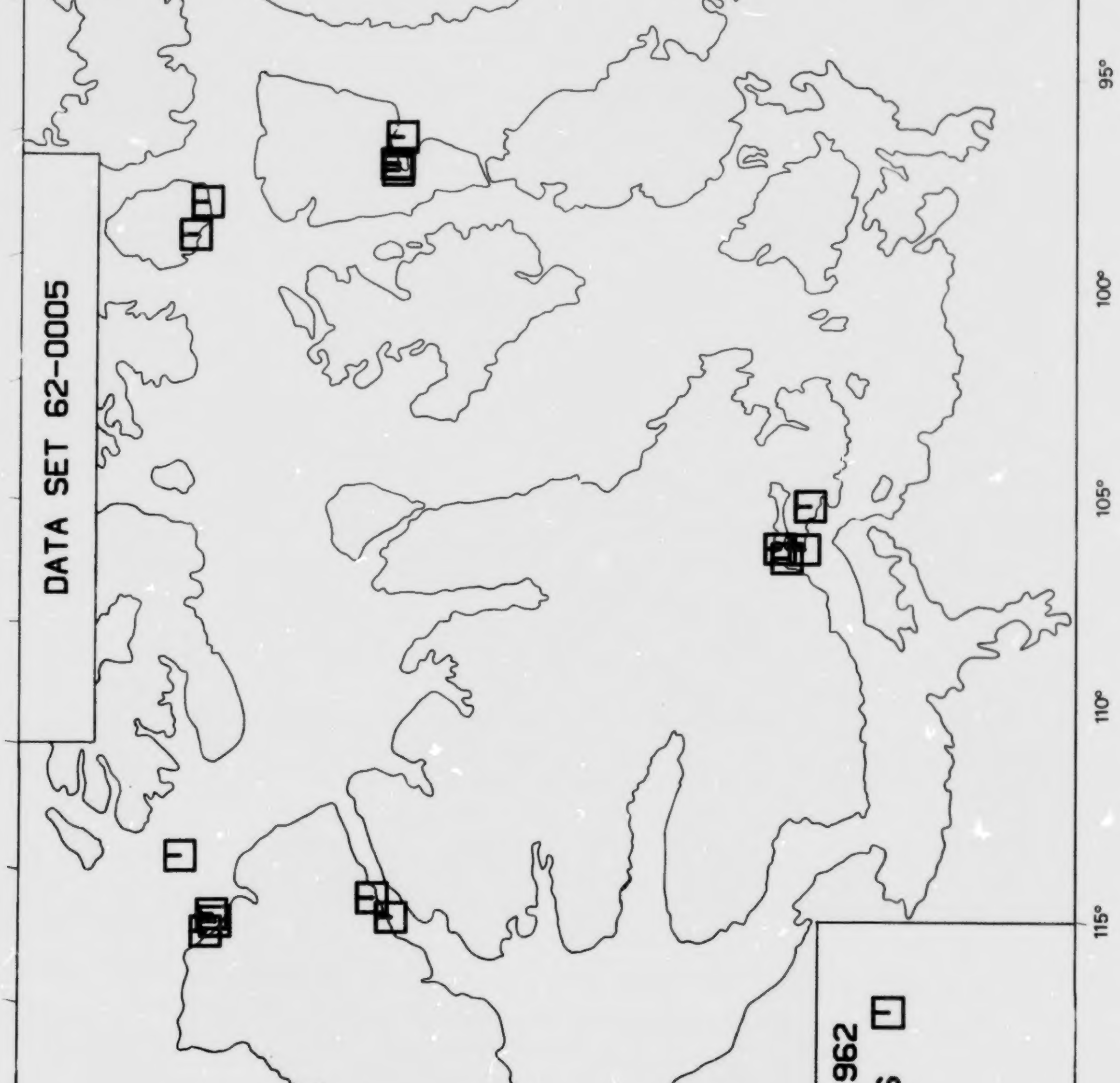
INSTITUTE OF OCEAN SCIENCES, 1982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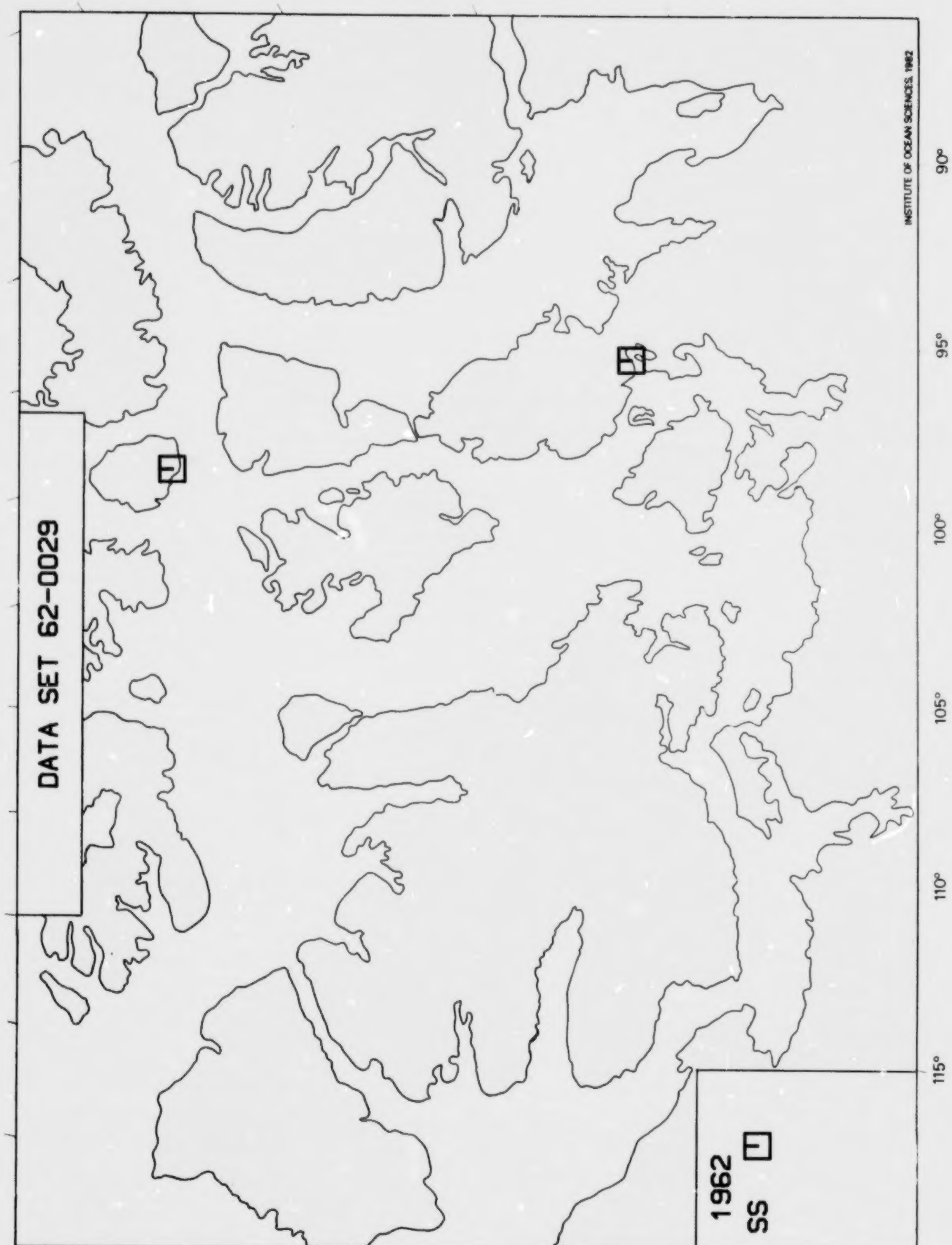
90°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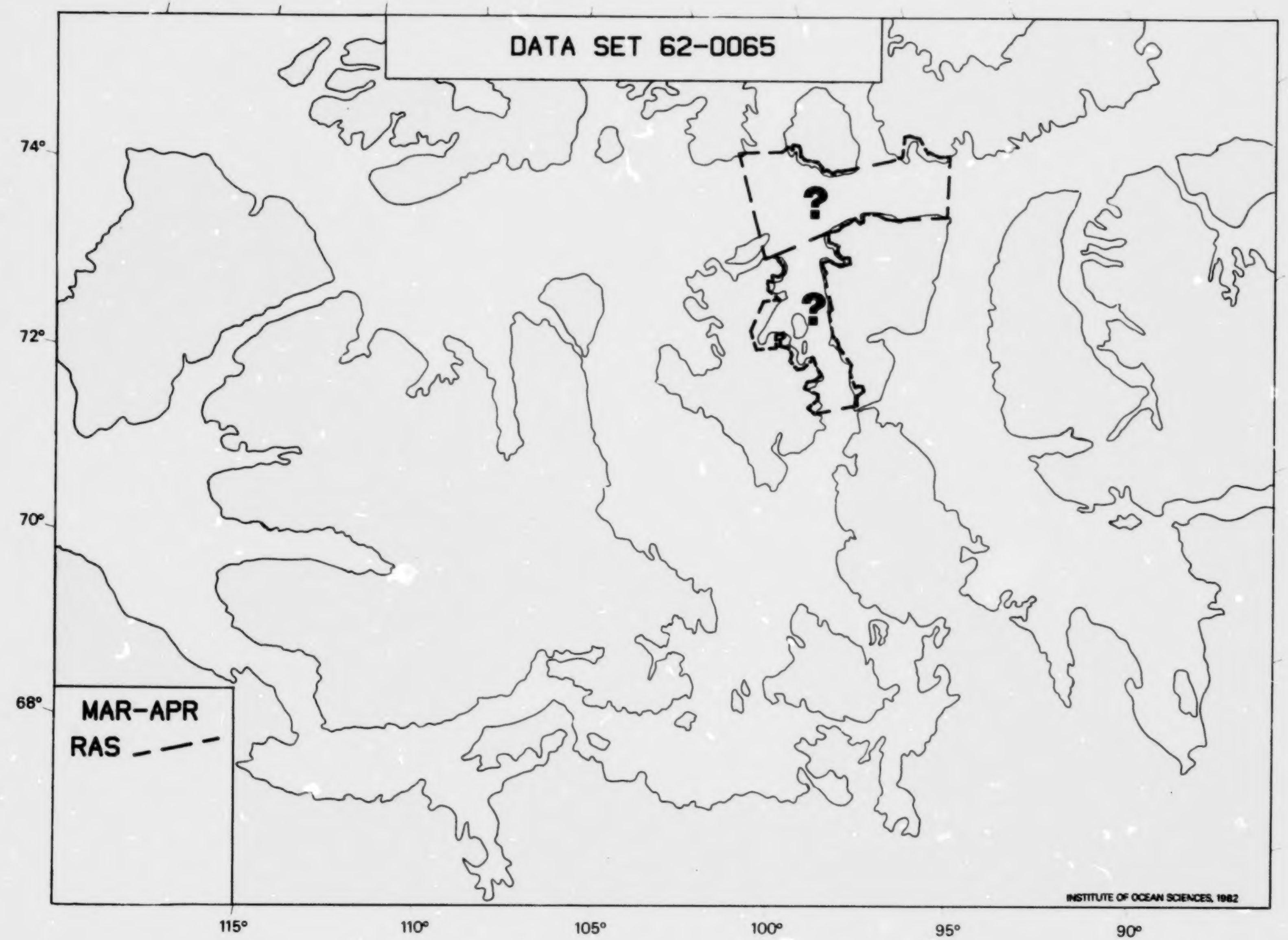
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MAR-APR
RAS
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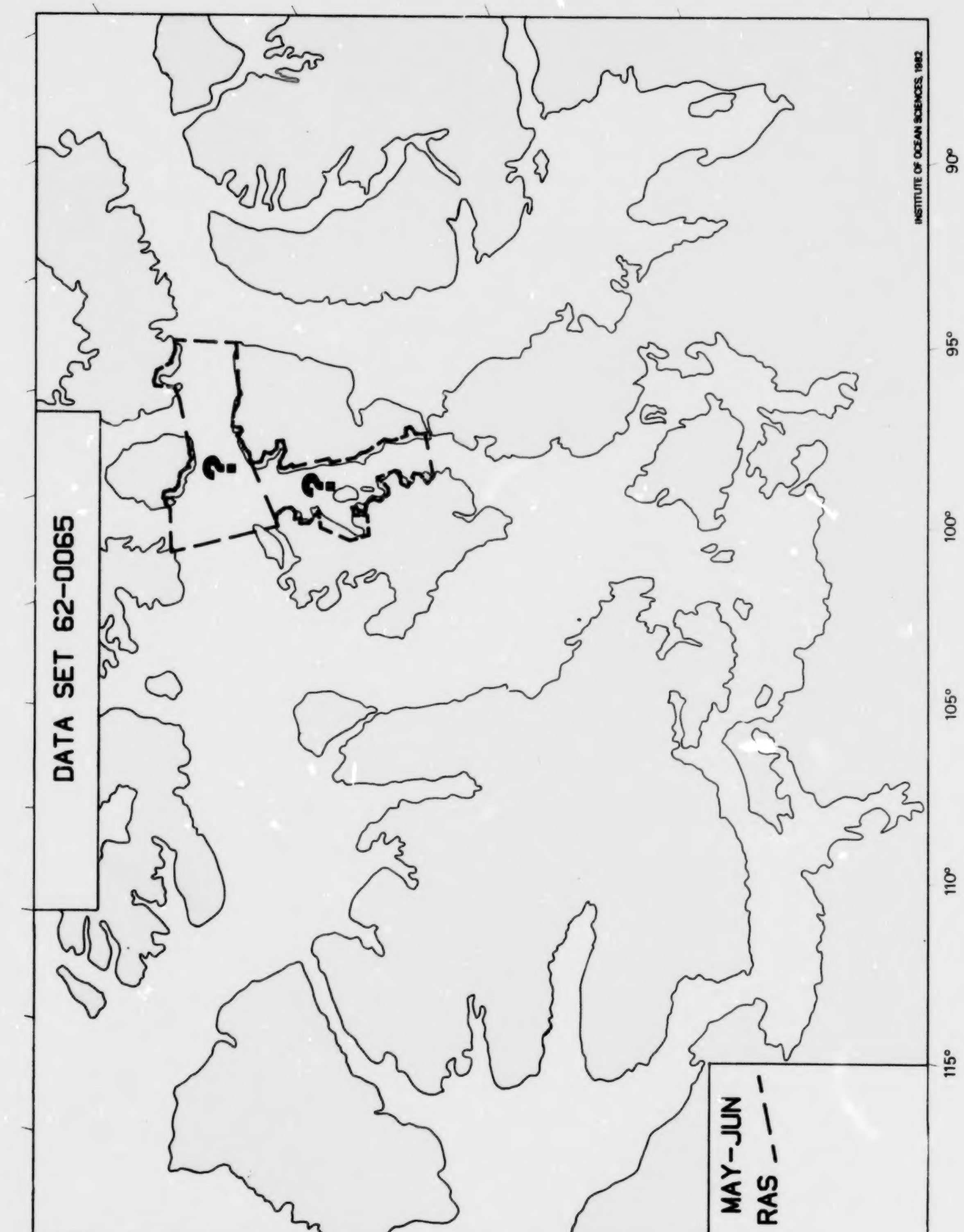
INSTITUTE OF OCEAN SCIENCES, 1982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MAY–JUN
RAS
INSTITUTE OF OCEAN SCIENCES, 1982
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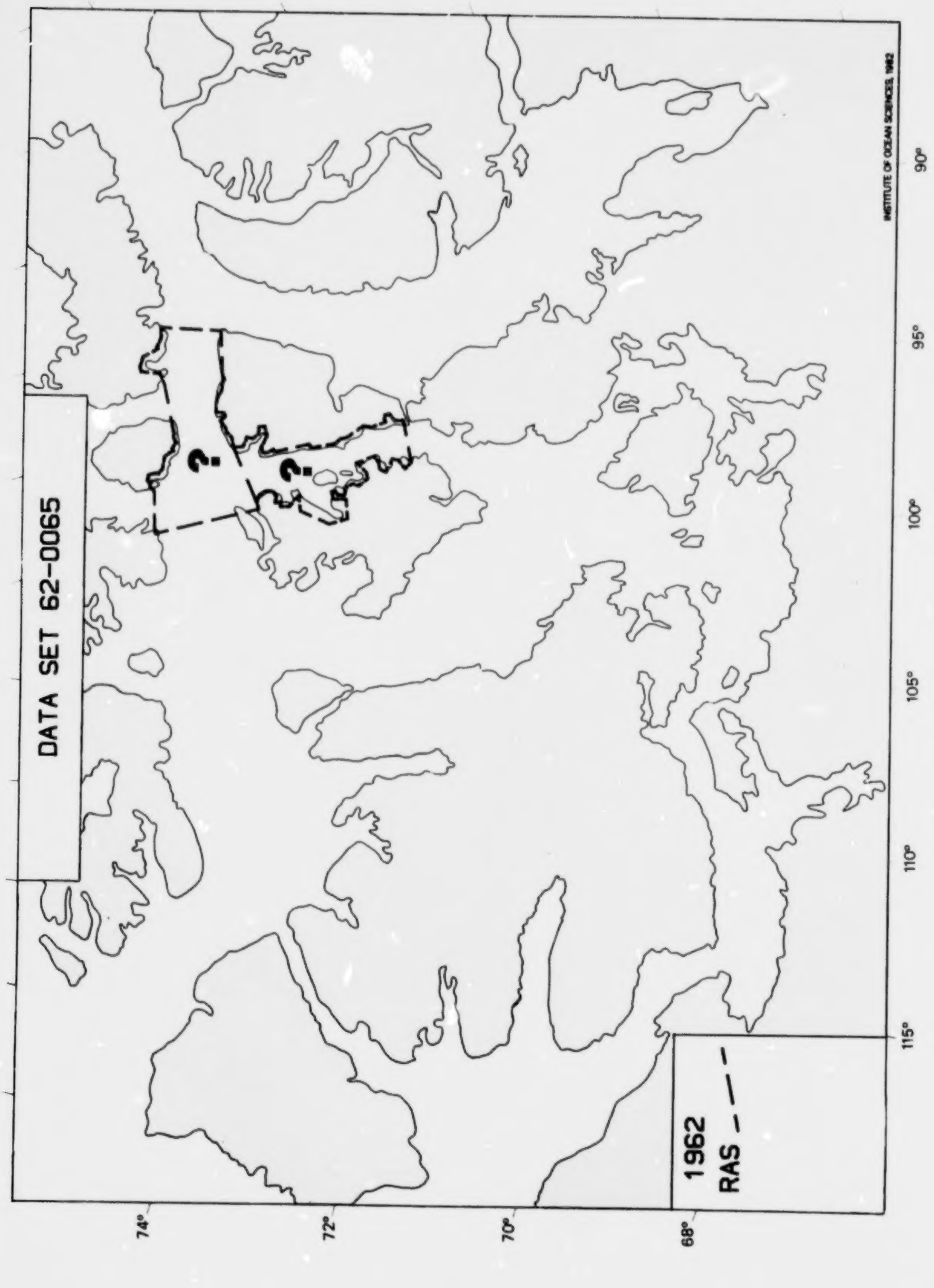
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1962
RAS
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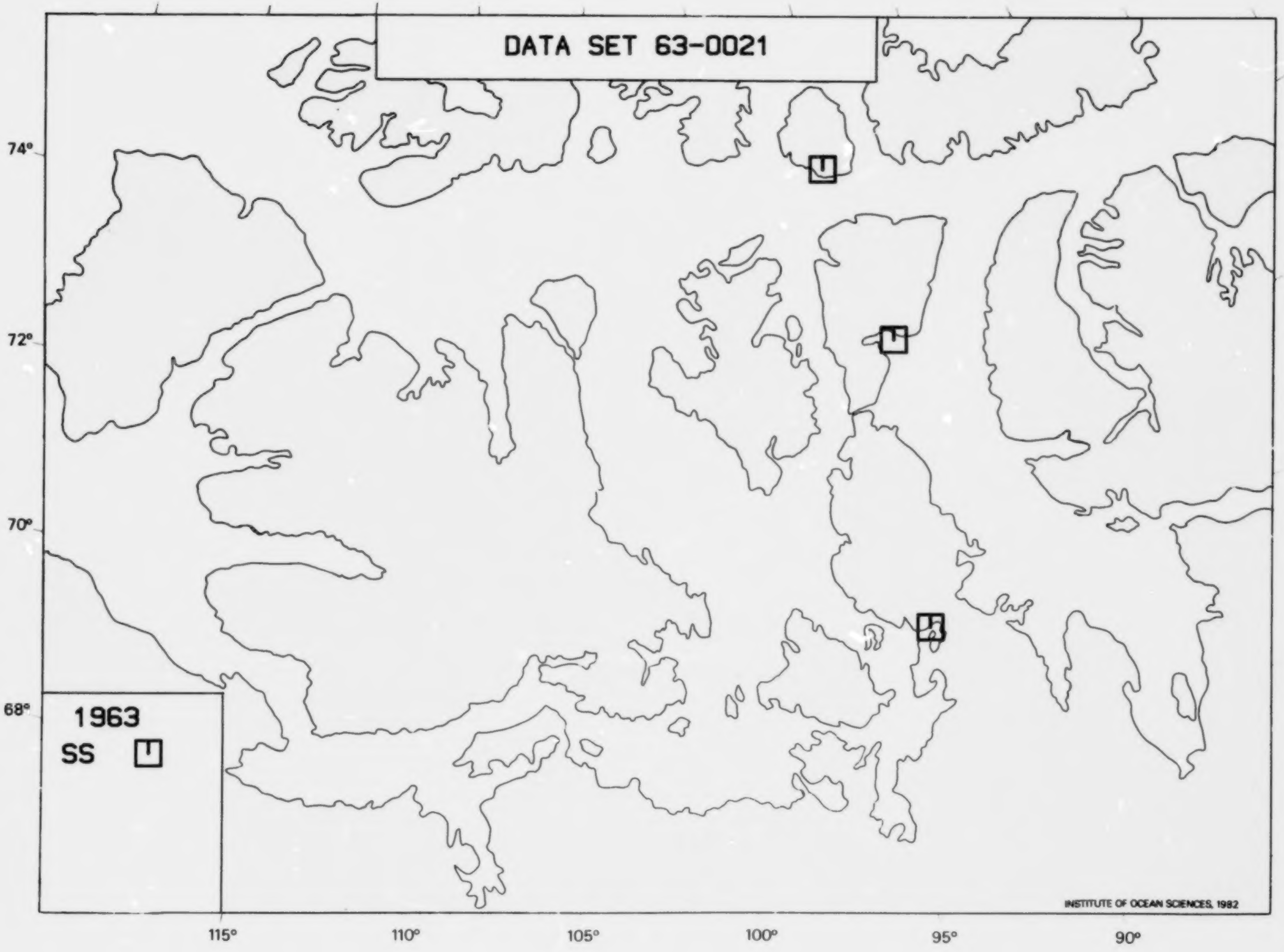
INSTITUTE OF OCEAN SCIENCES, 1982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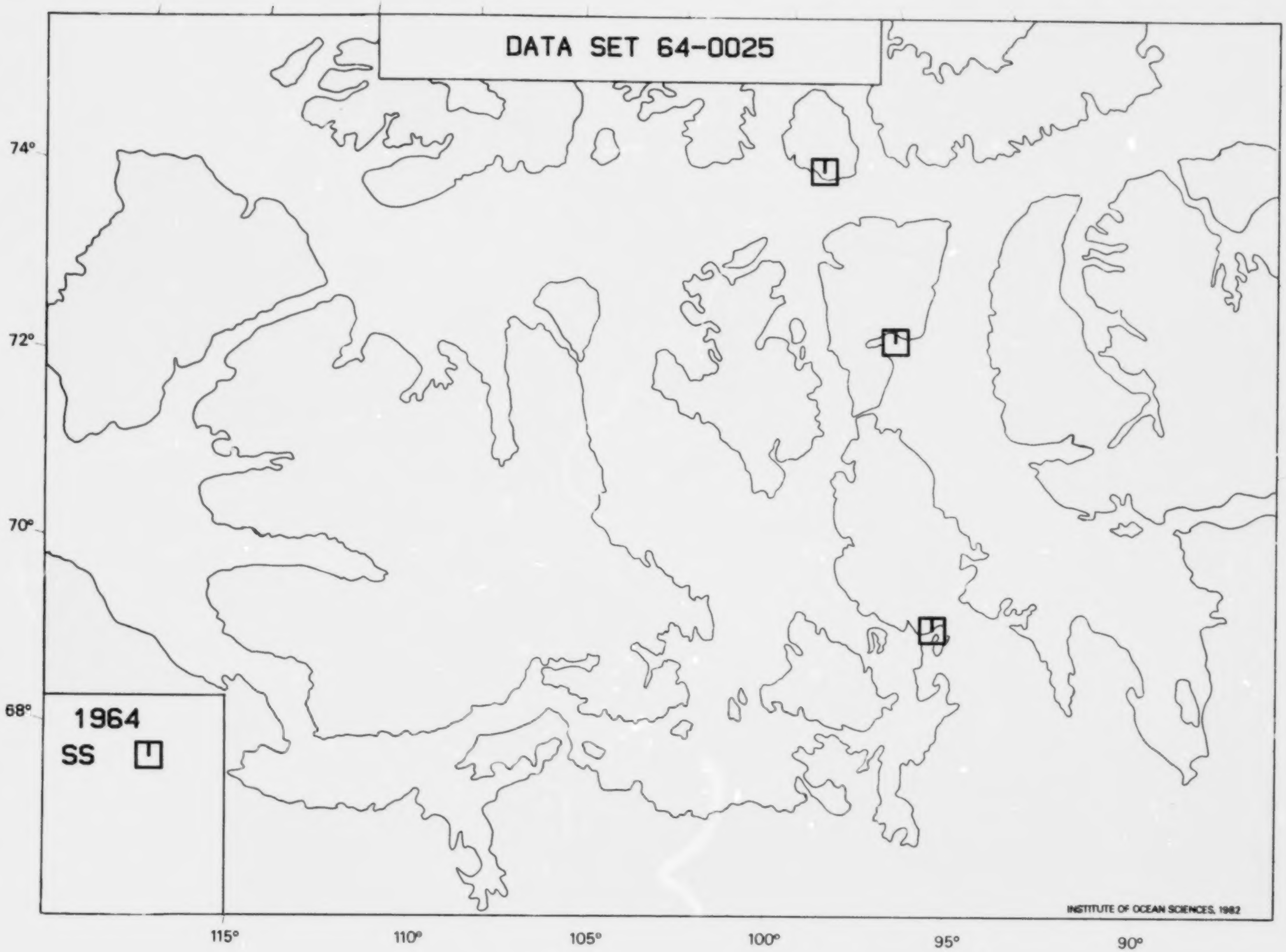
INSTITUTE OF OCEAN SCIENCES, 1982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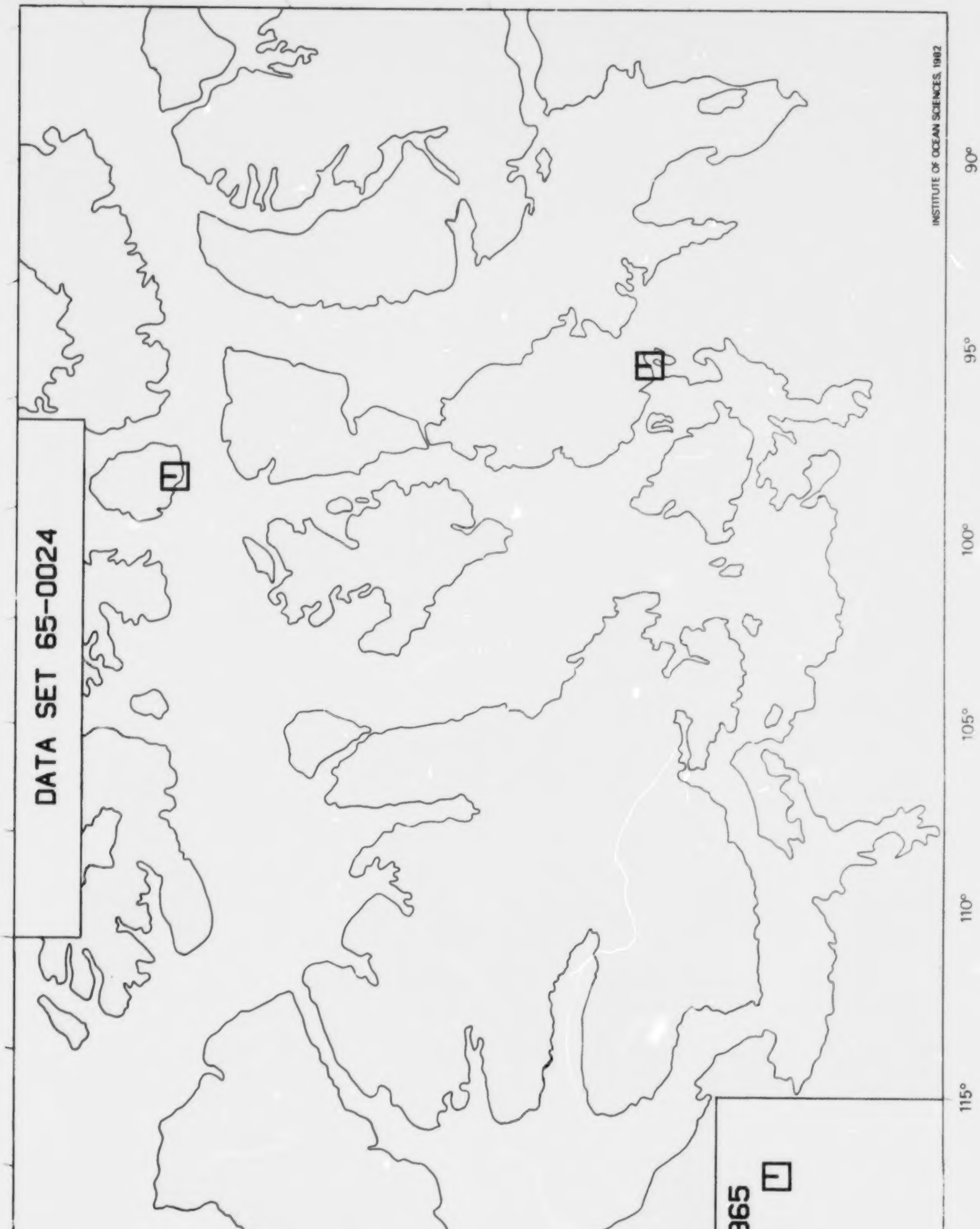
INSTITUTE OF OCEAN SCIENCES, 1982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1965
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INSTITUTE OF OCEAN SCIENCES, 1982
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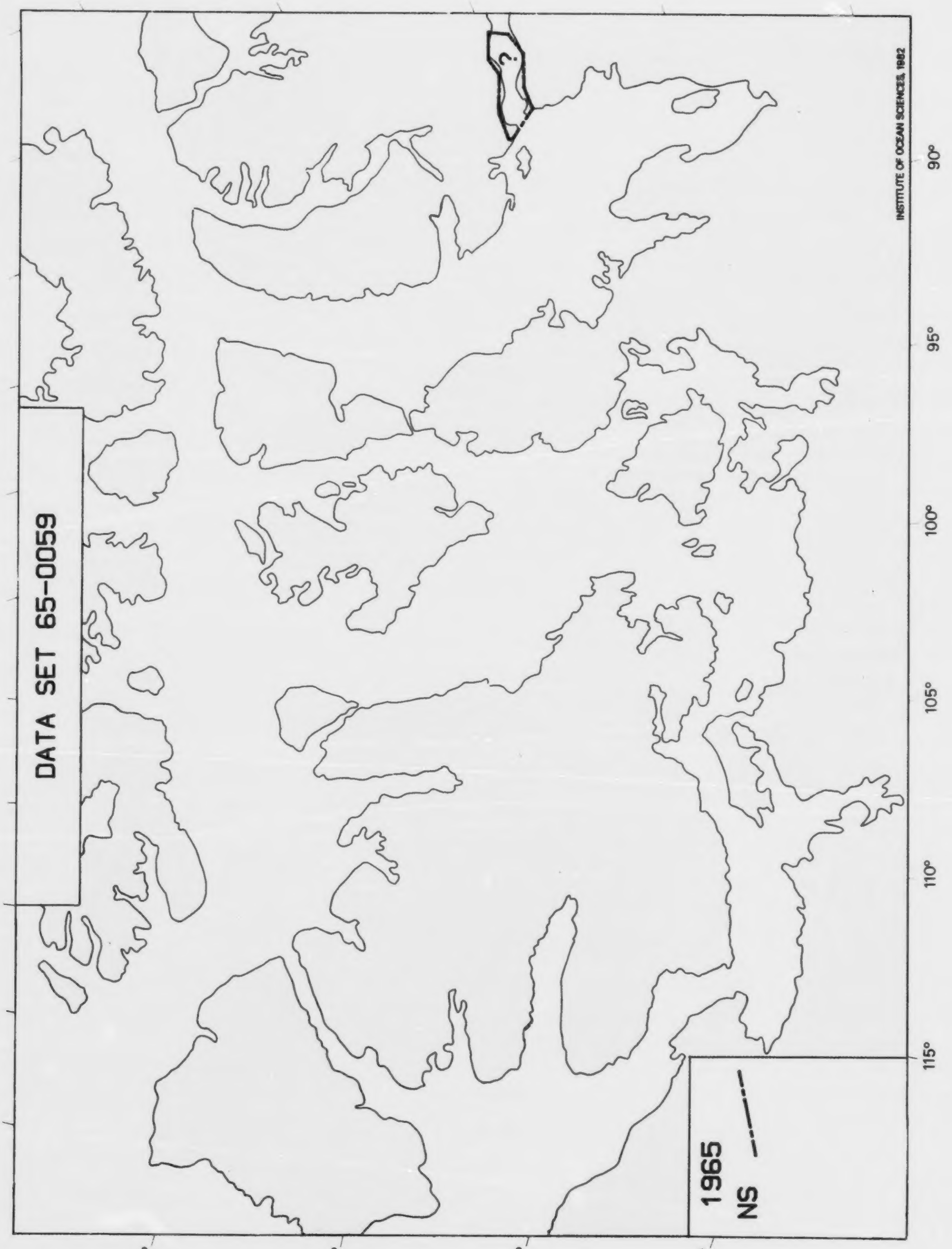
115°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1965
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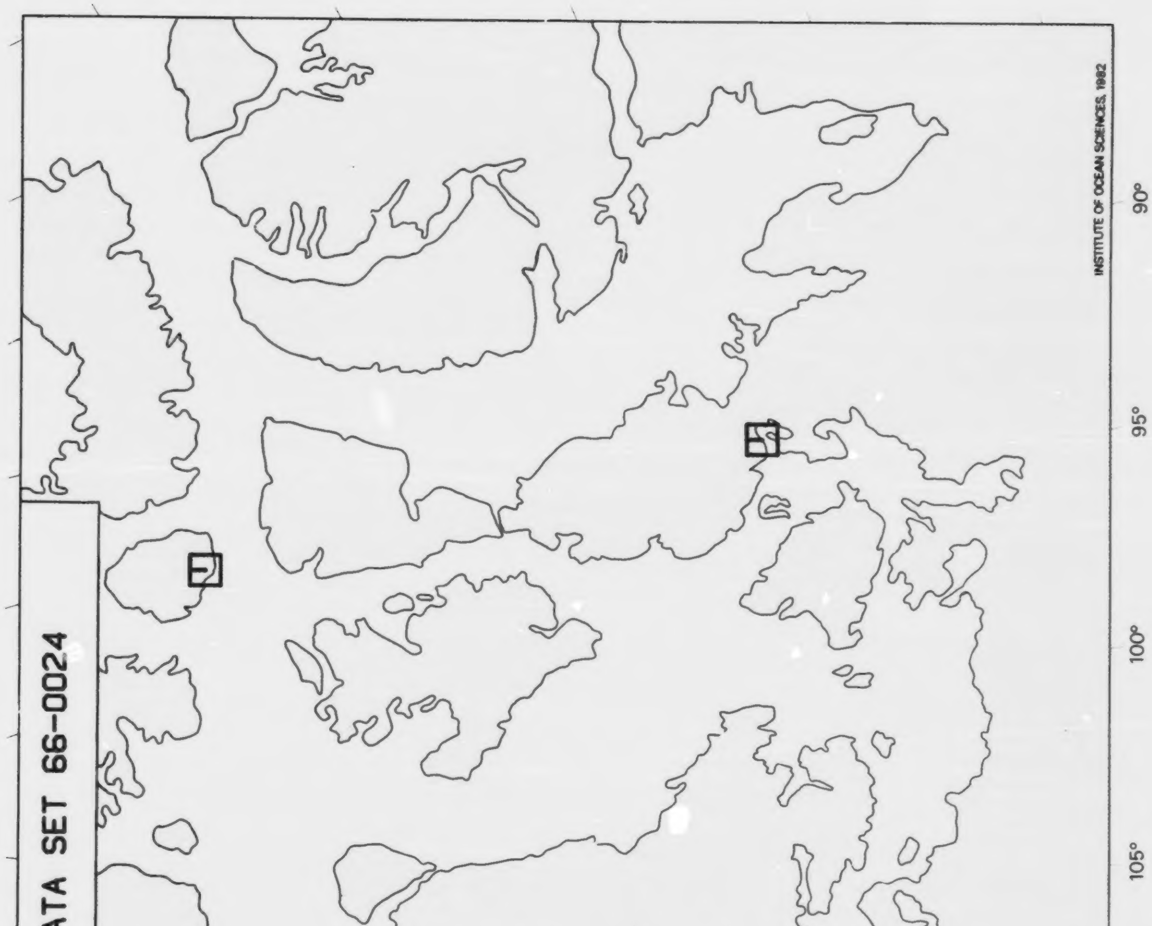
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 66-0024
1966
SS
INSTITUTE OF OCEAN SCIENCES, 1982
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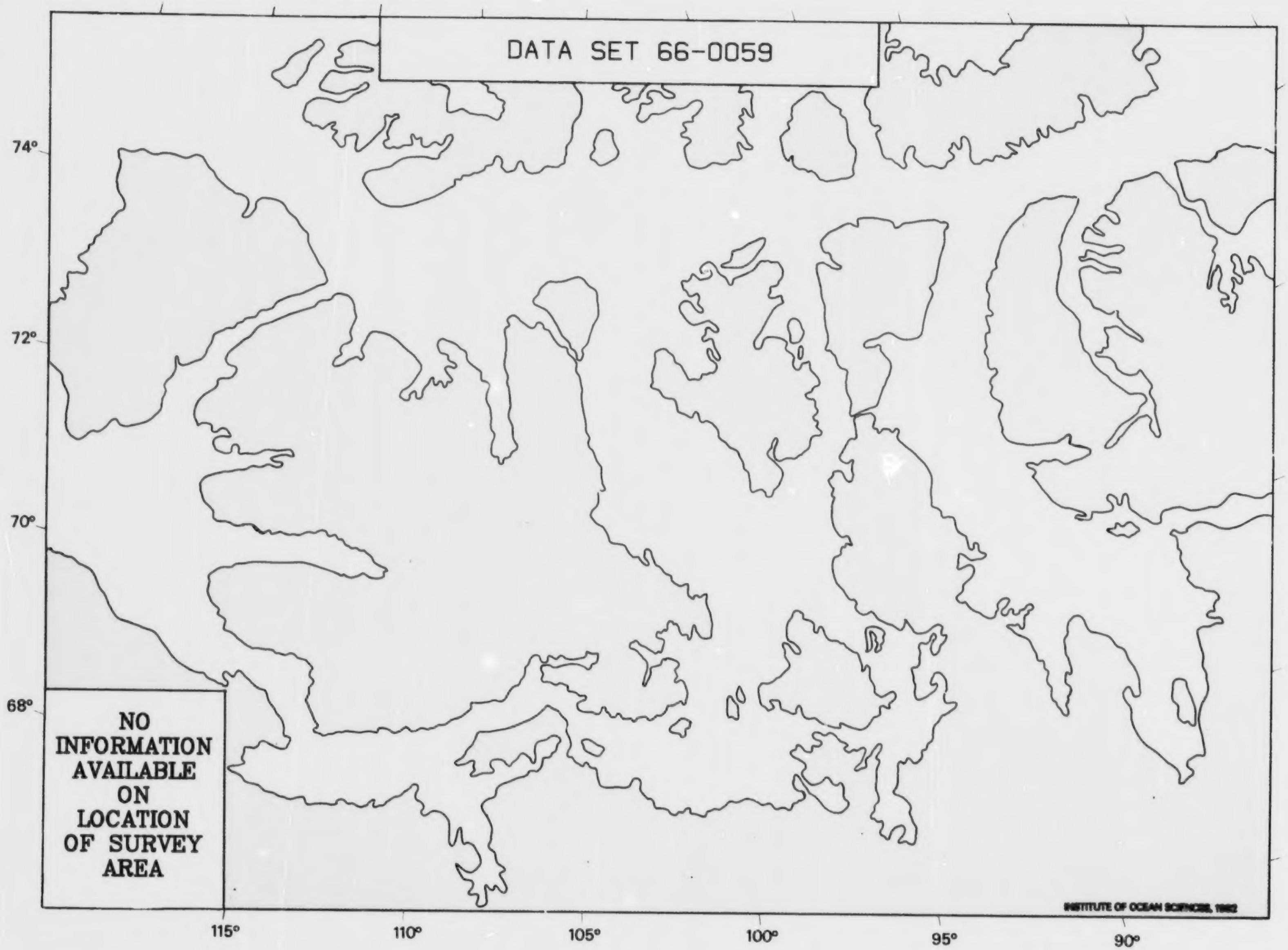
115°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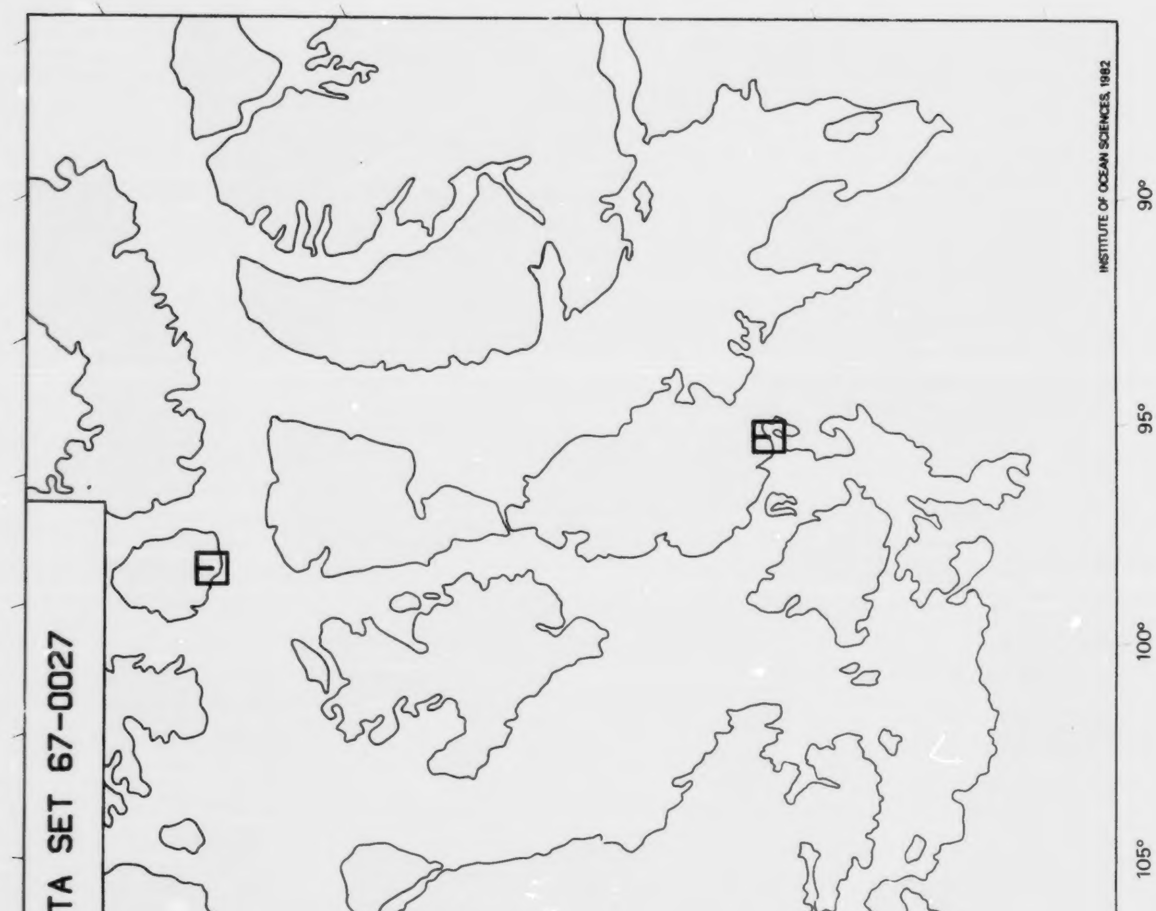
72°
70°
68°
NO INFORMATION AVAILABLE ON LOCATION OF SURVEY AREA
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982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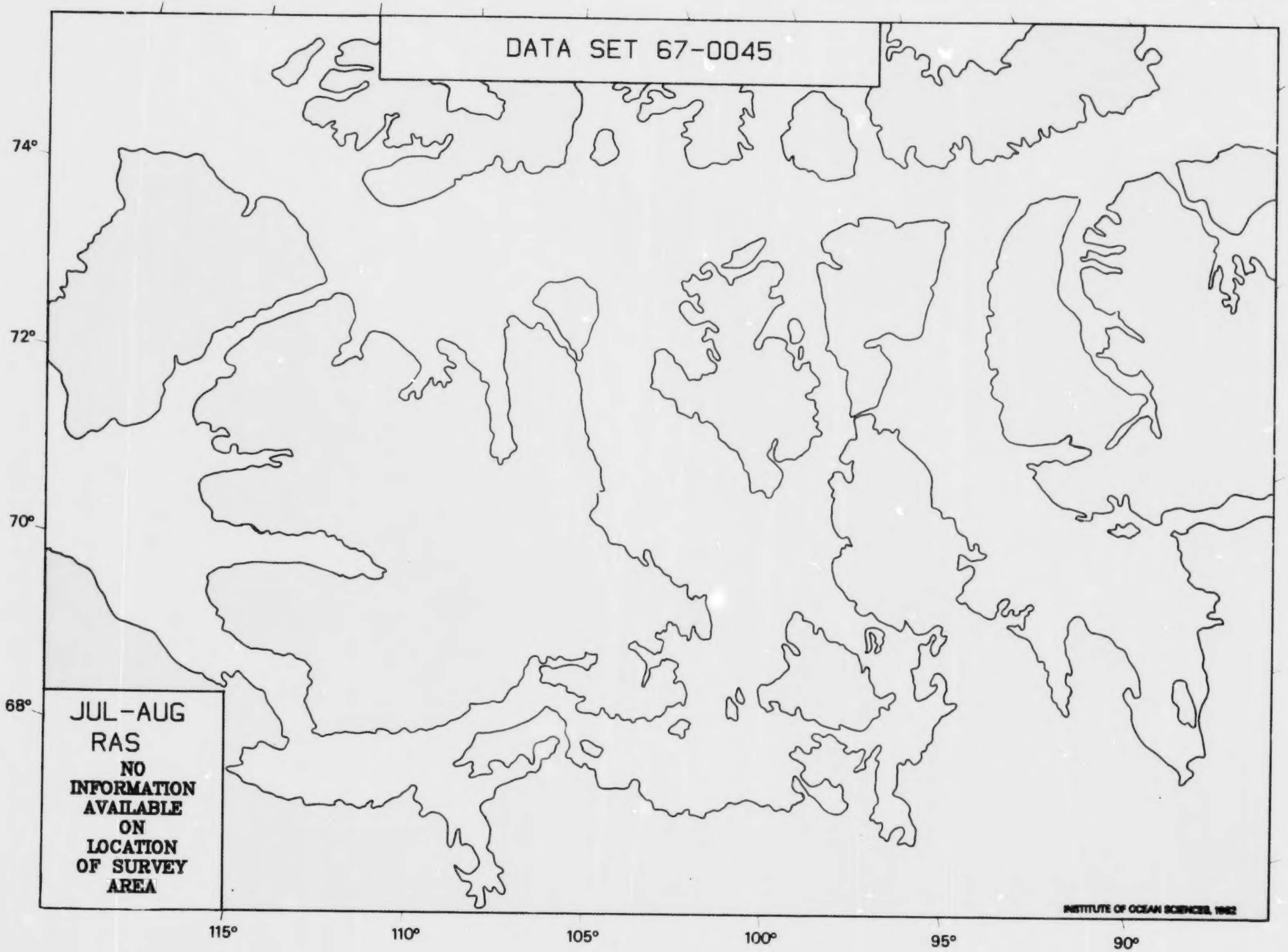
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 67-0045
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115°
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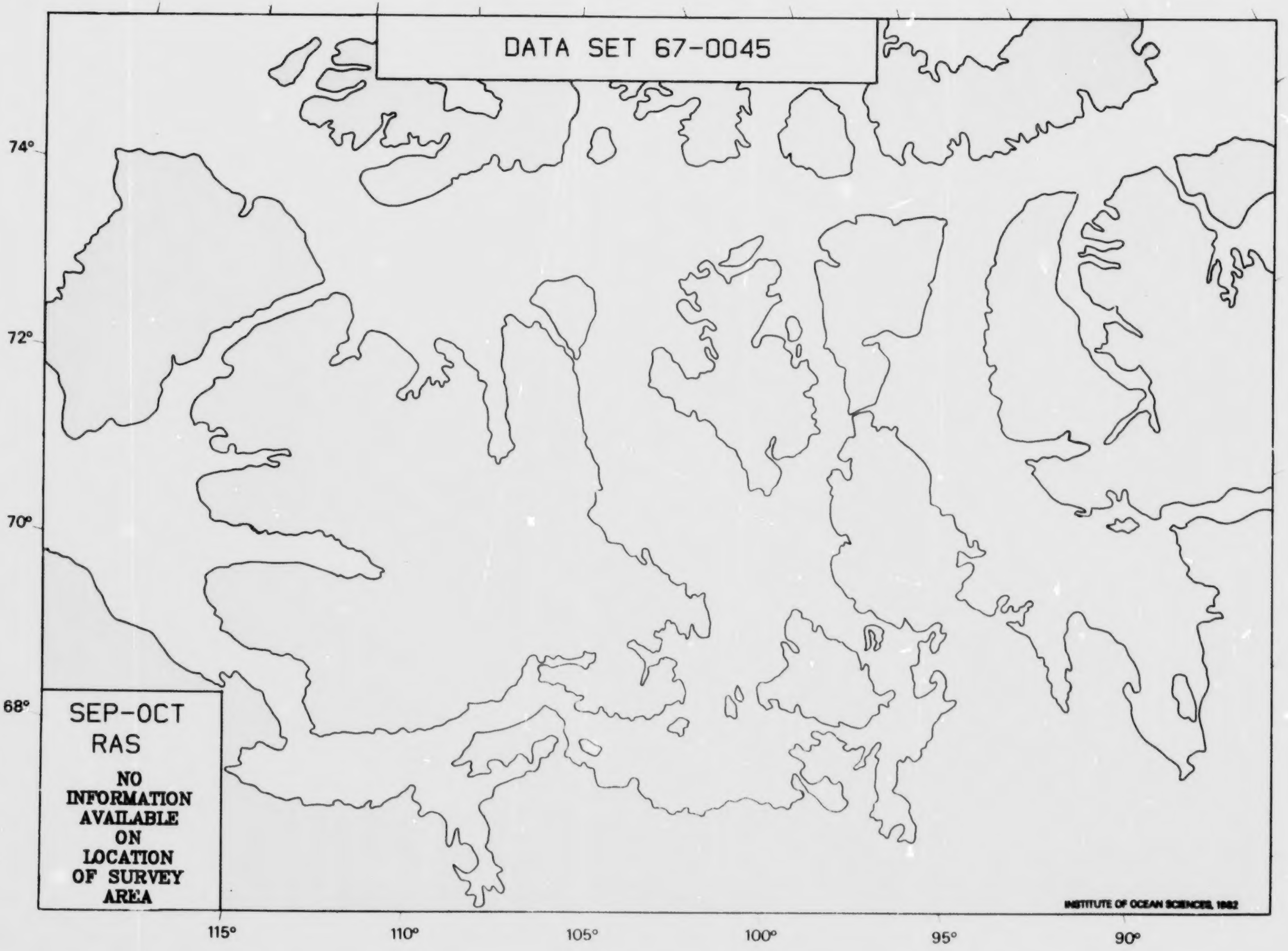
95°
90°
JUL-AUG
RAS
NO INFORMATION AVAILABLE ON LOCATION OF SURVEY AREA
INSTITUTE OF OCEAN SCIENCES, 1982

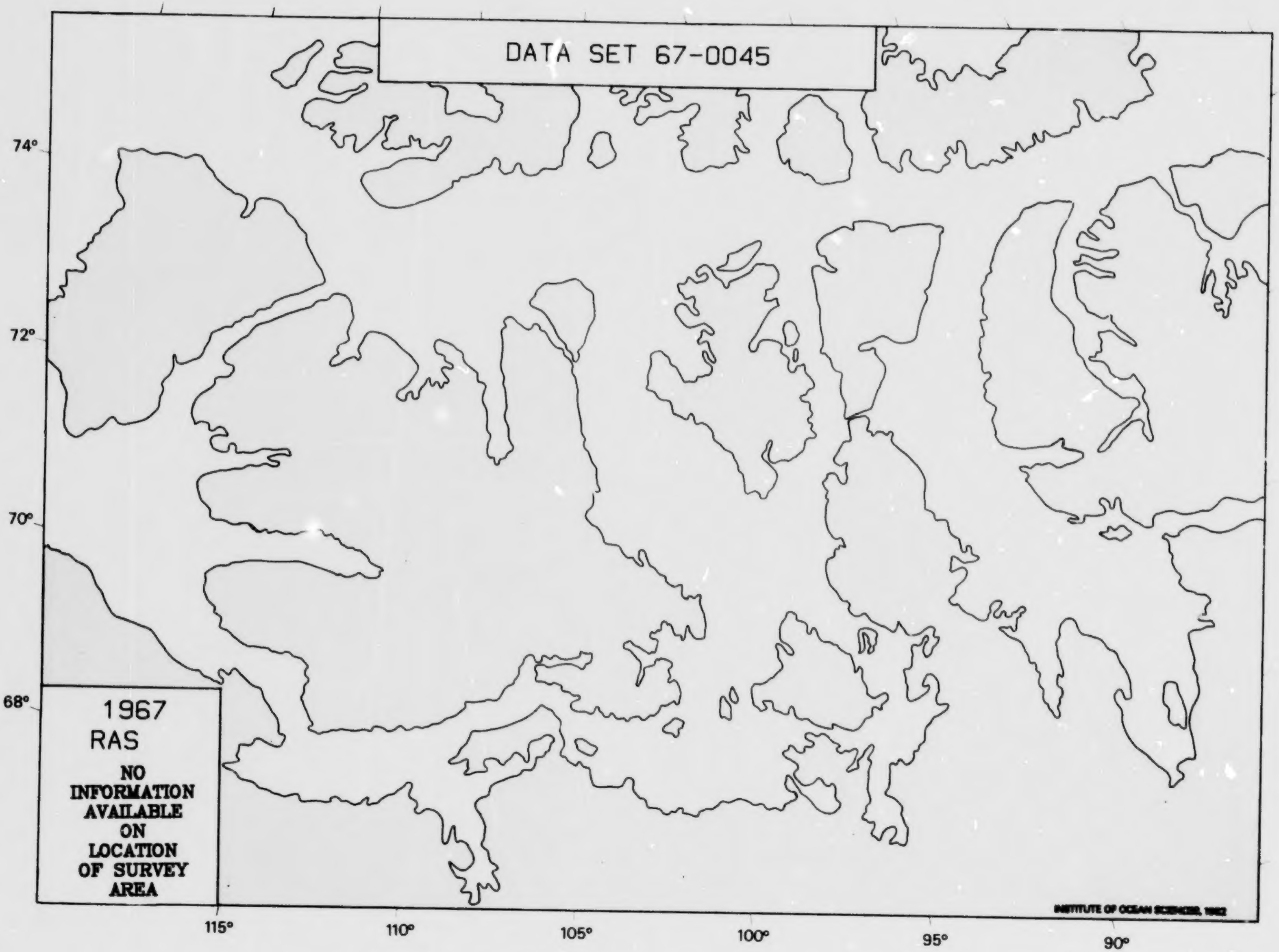


DATA SET 67-0045

SEP-OCT
RAS

NO
INFORMATION
AVAILABLE
ON
LOCATION
OF SURVEY
AREA

74°
72°
70°
68°
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982



DATA SET 67-0045

1967
RAS

NO INFORMATION AVAILABLE ON LOCATION OF SURVEY AREA

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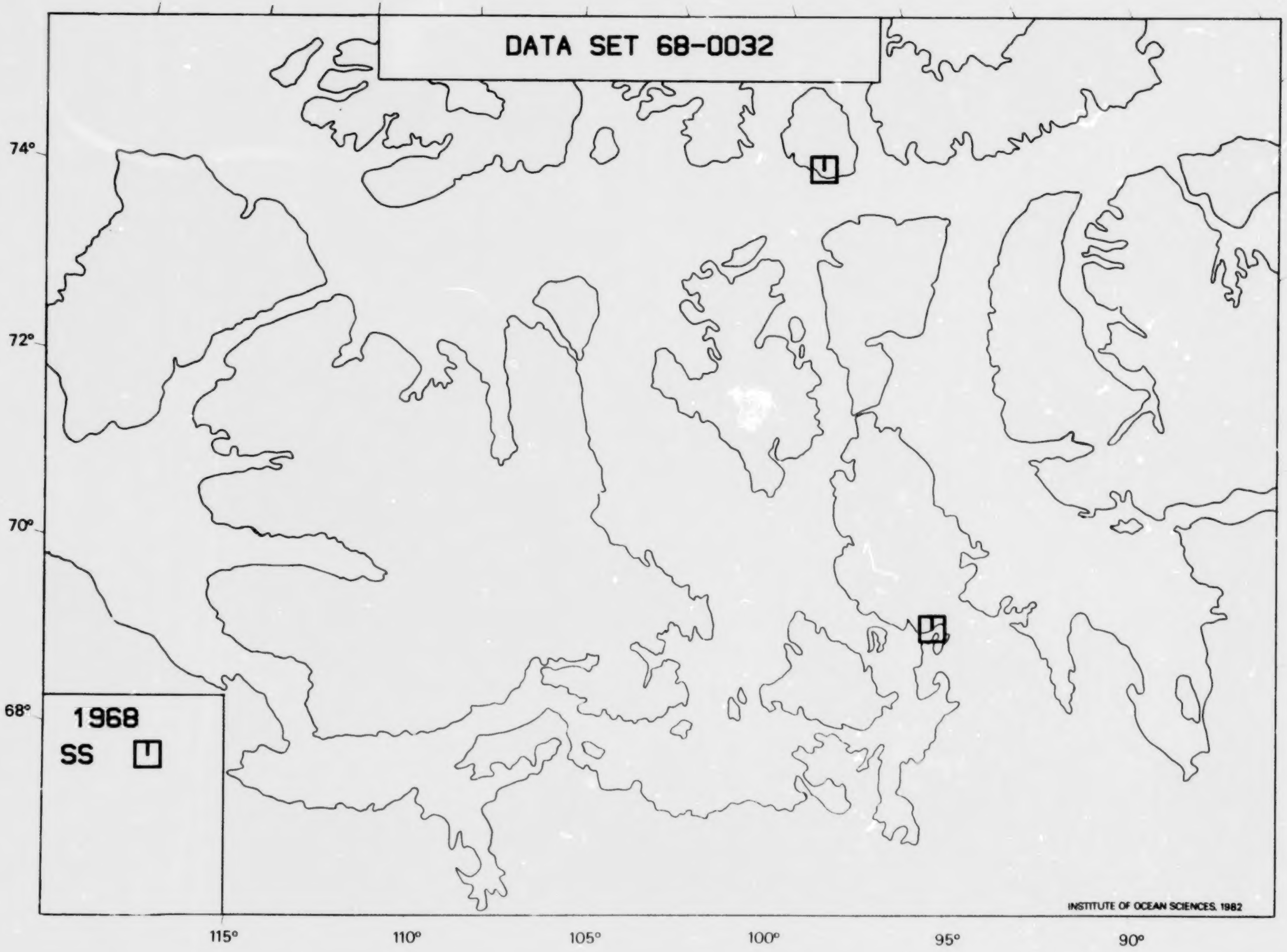
72°
70°
68°
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982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SS
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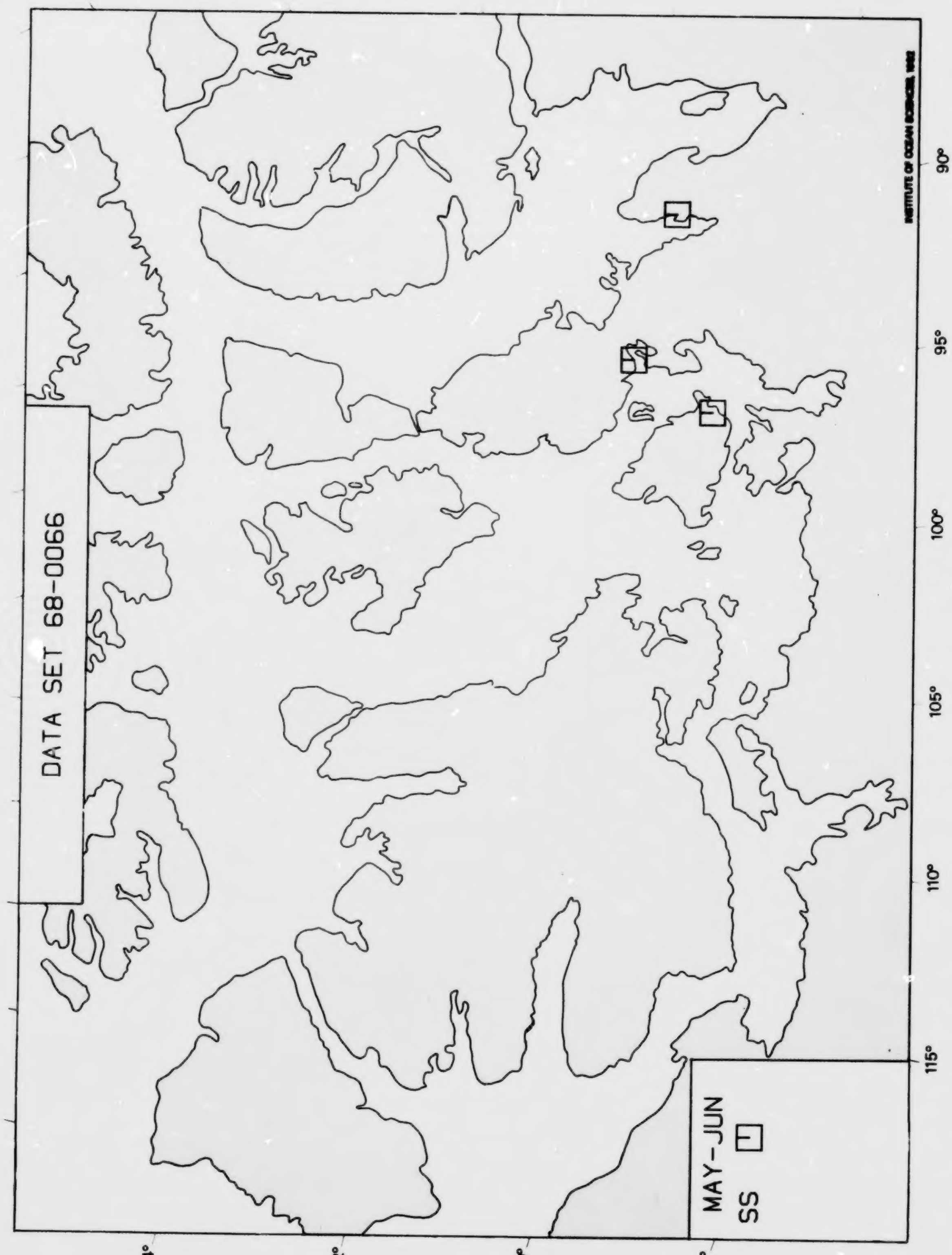
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 68-0066
MAY–JUN
SS
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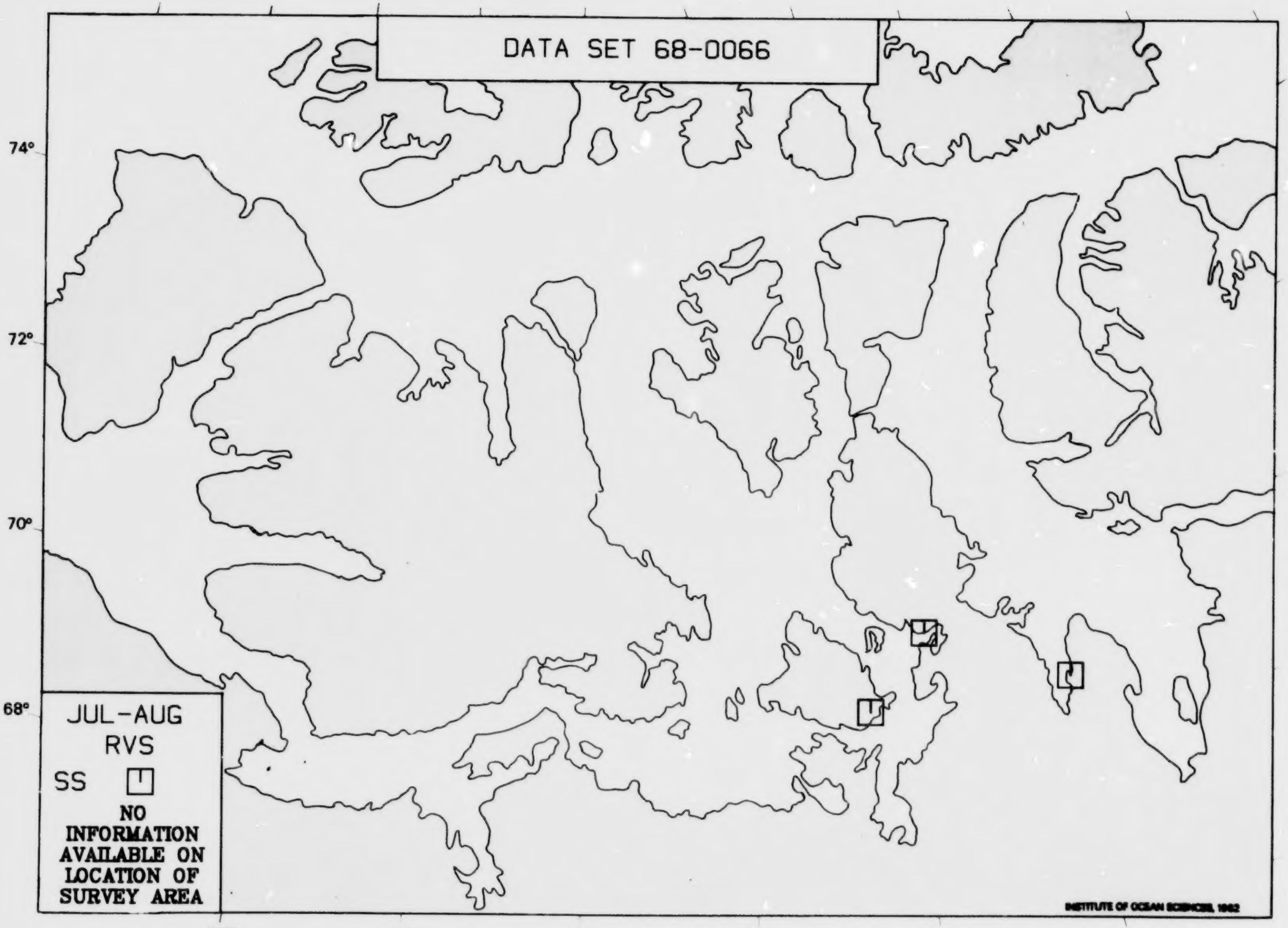
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 68-0066
74°
72°
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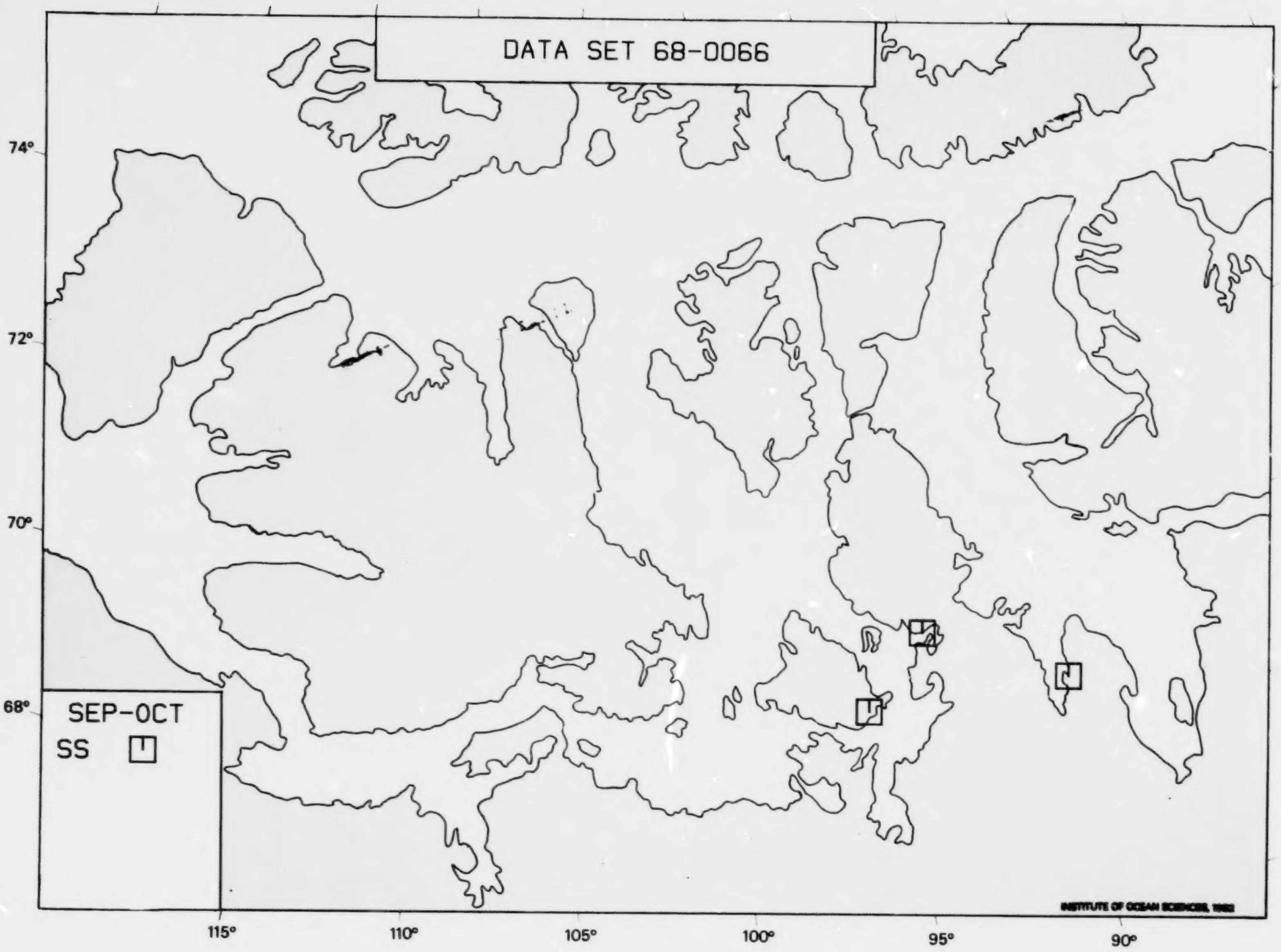
68°
115°
110°
105°
100°
95°
90°
JUL-AUG
RVS
SS
NO INFORMATION AVAILABLE ON LOCATION OF SURVEY AREA
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 68-0066
SEP-OCT
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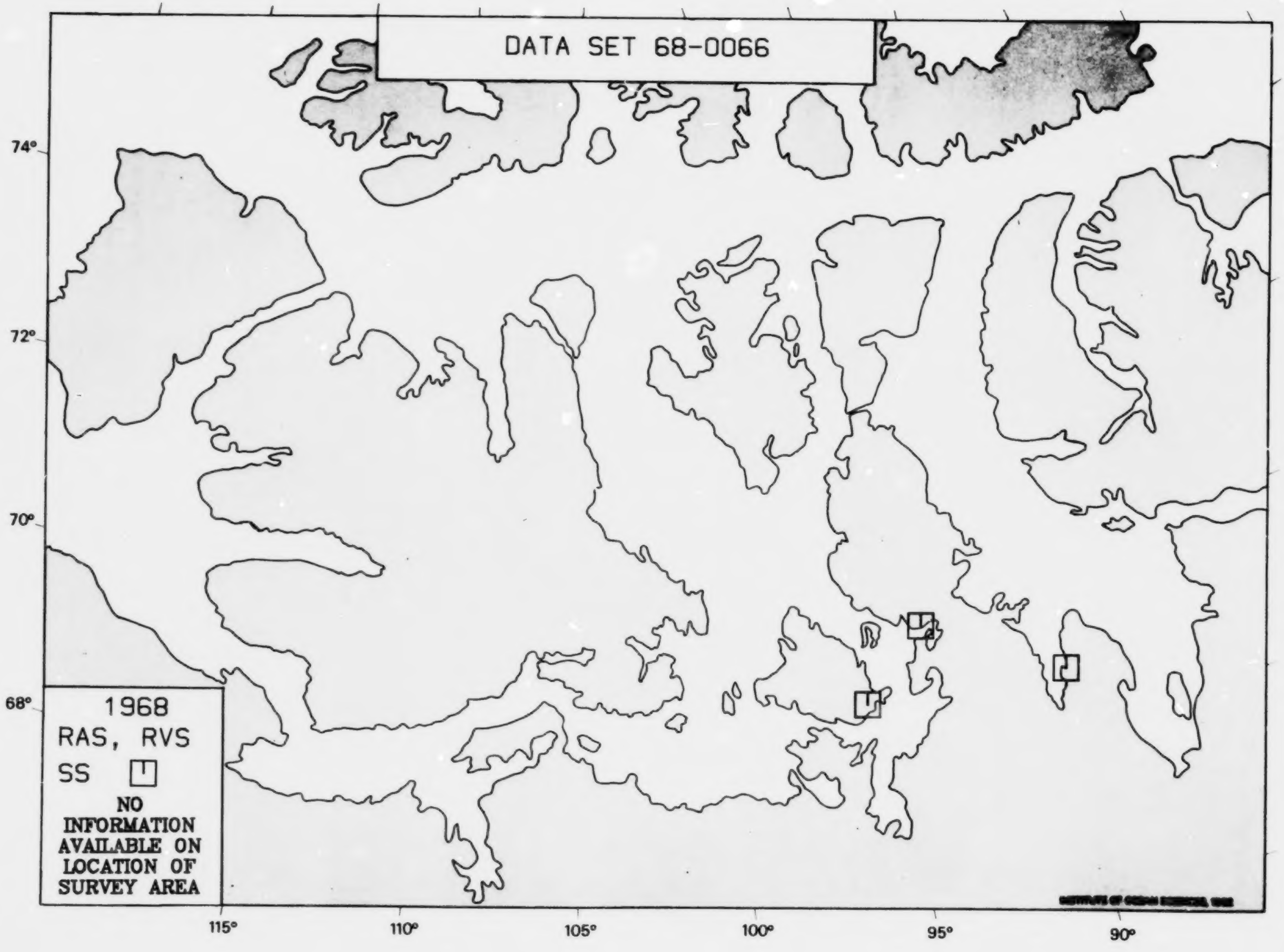
90°
INSTITUTE OF OCEAN SCIENCES, 1982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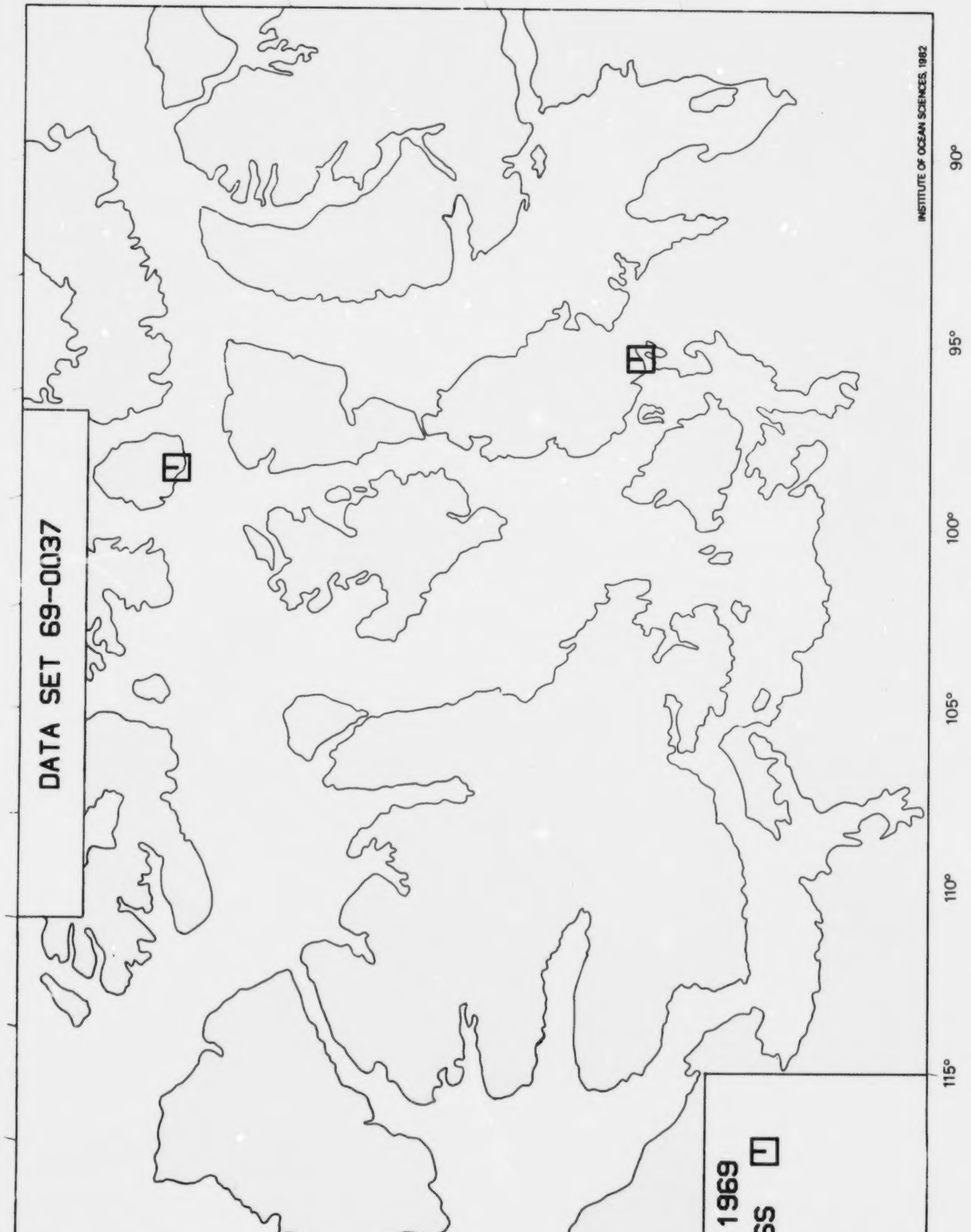
90°
1968
RAS, RVS
SS ☐
NO INFORMATION AVAILABLE ON LOCATION OF SURVEY AREA


DATA SET 69-0037
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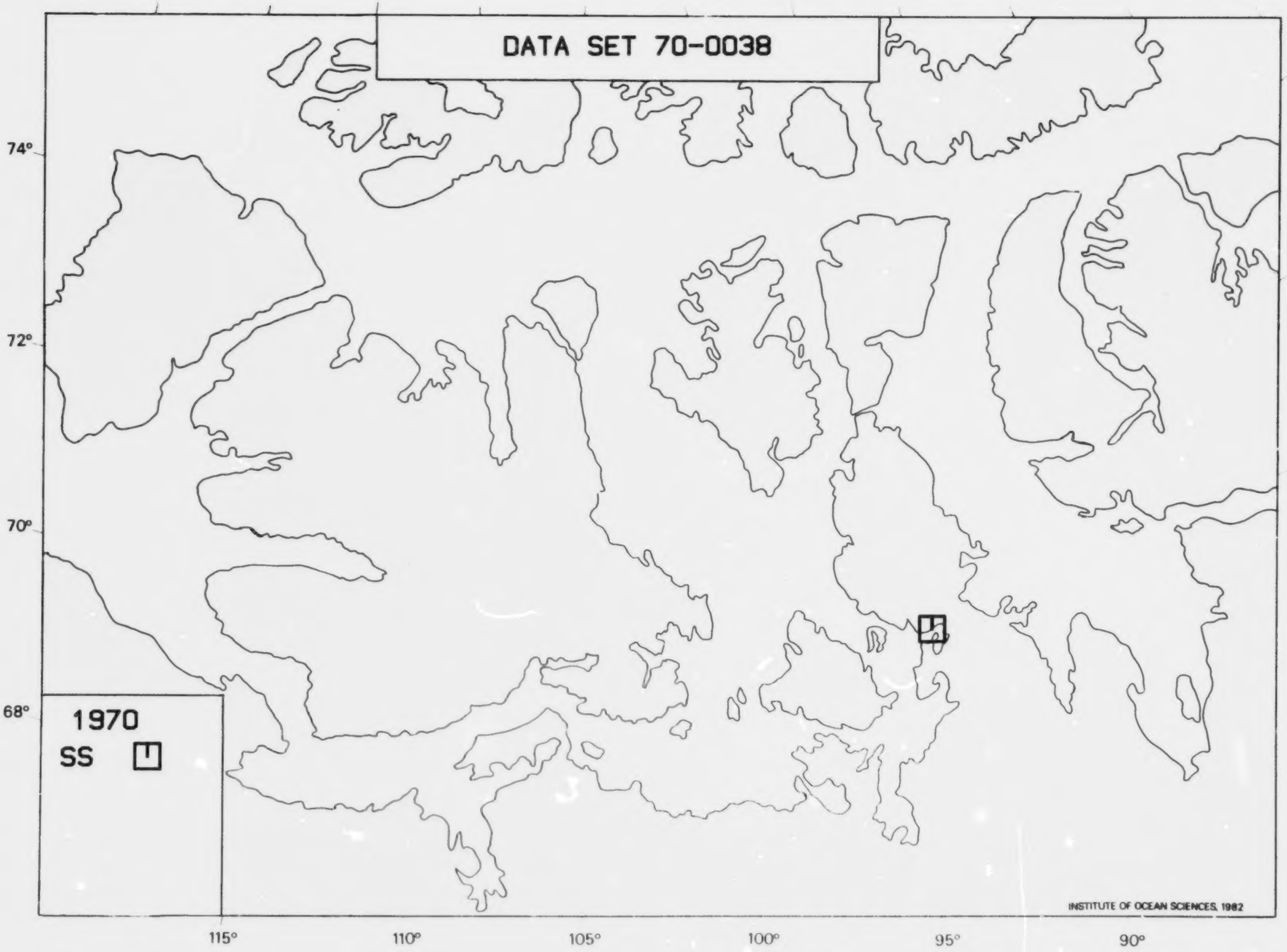
INSTITUTE OF OCEAN SCIENCES, 1982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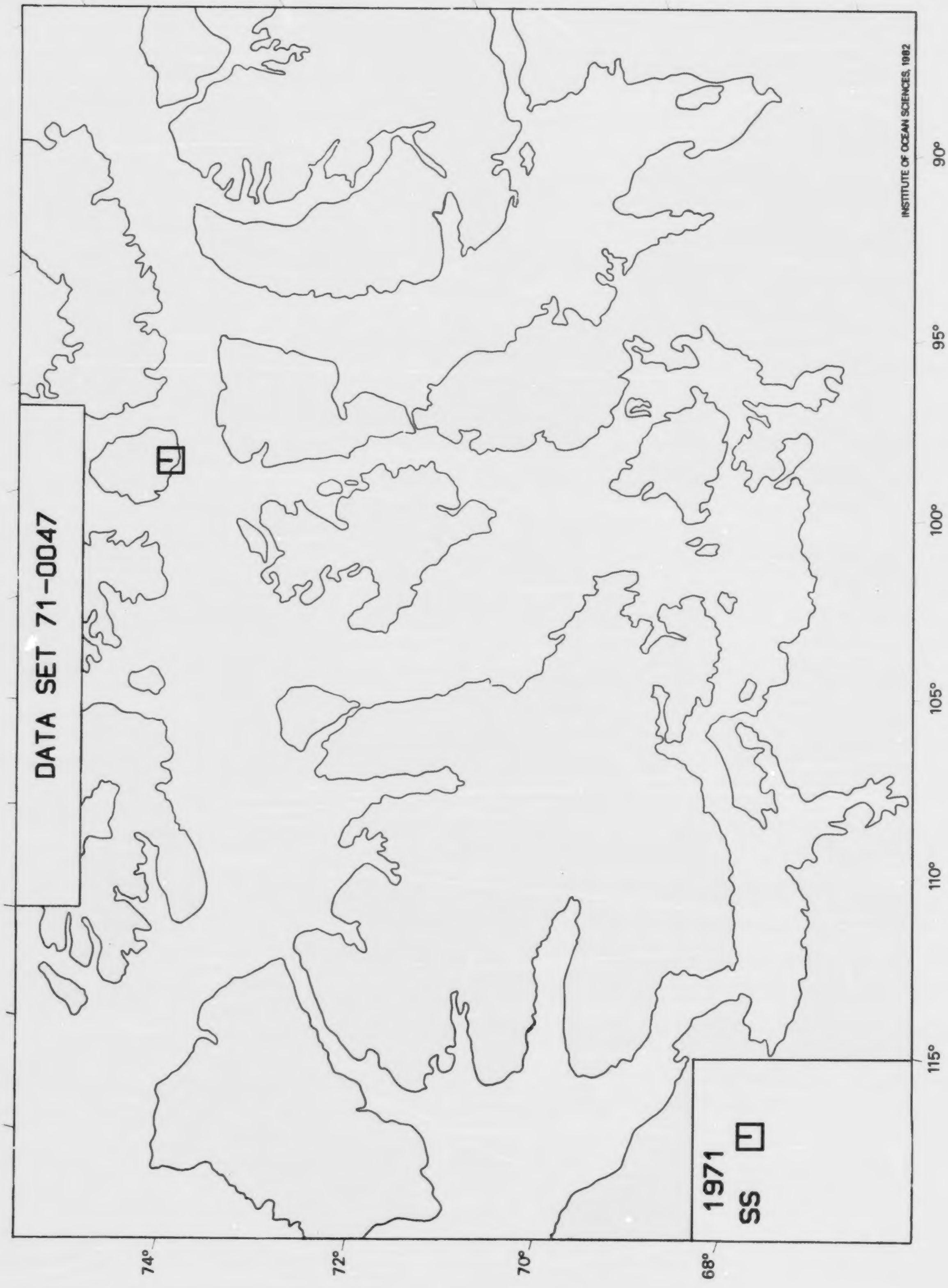
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 71-0047
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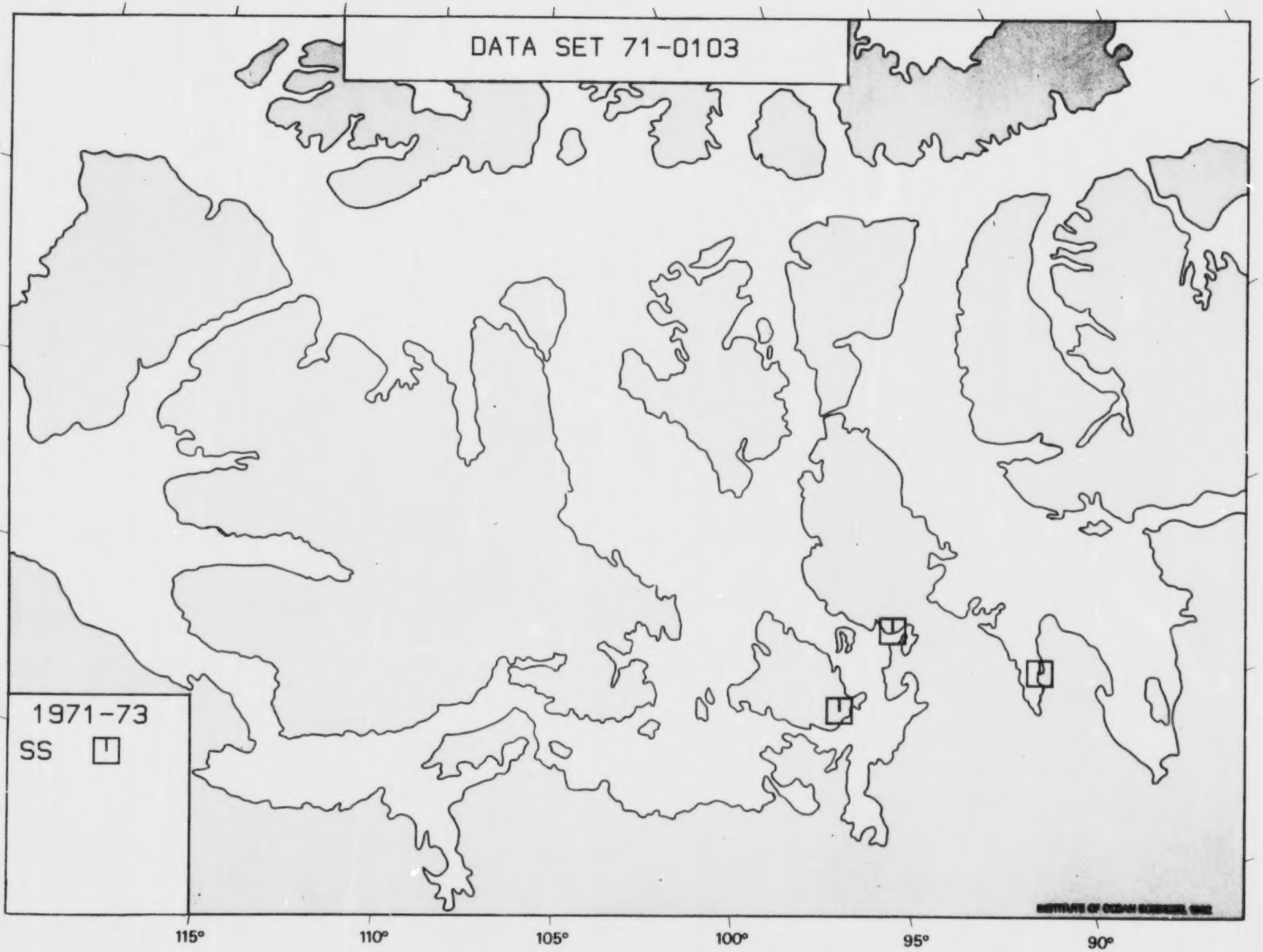
INSTITUTE OF OCEAN SCIENCES, 1982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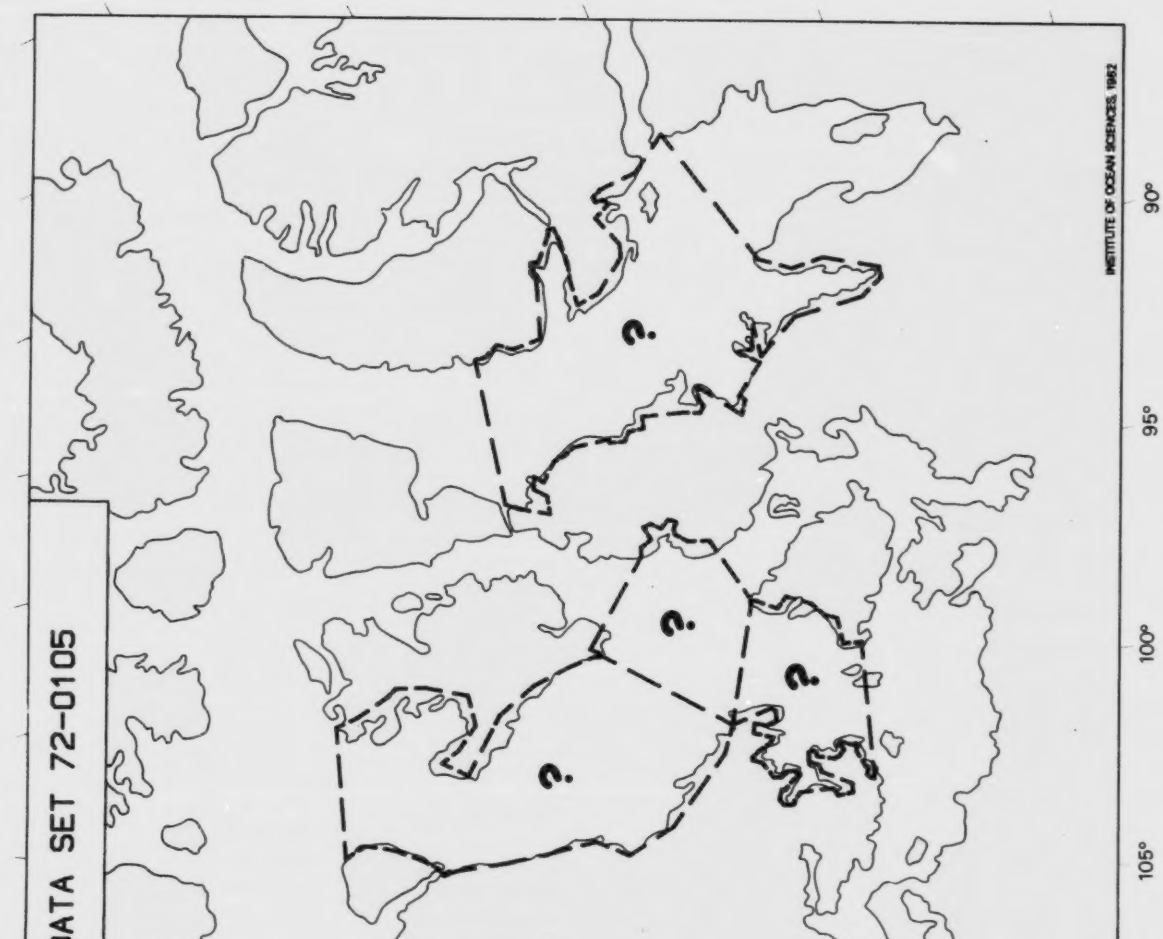
INSTITUTE OF OCEAN SCIENCES, 1982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MAR-APR
RAS
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INSTITUTE OF OCEAN SCIENCES, 1982
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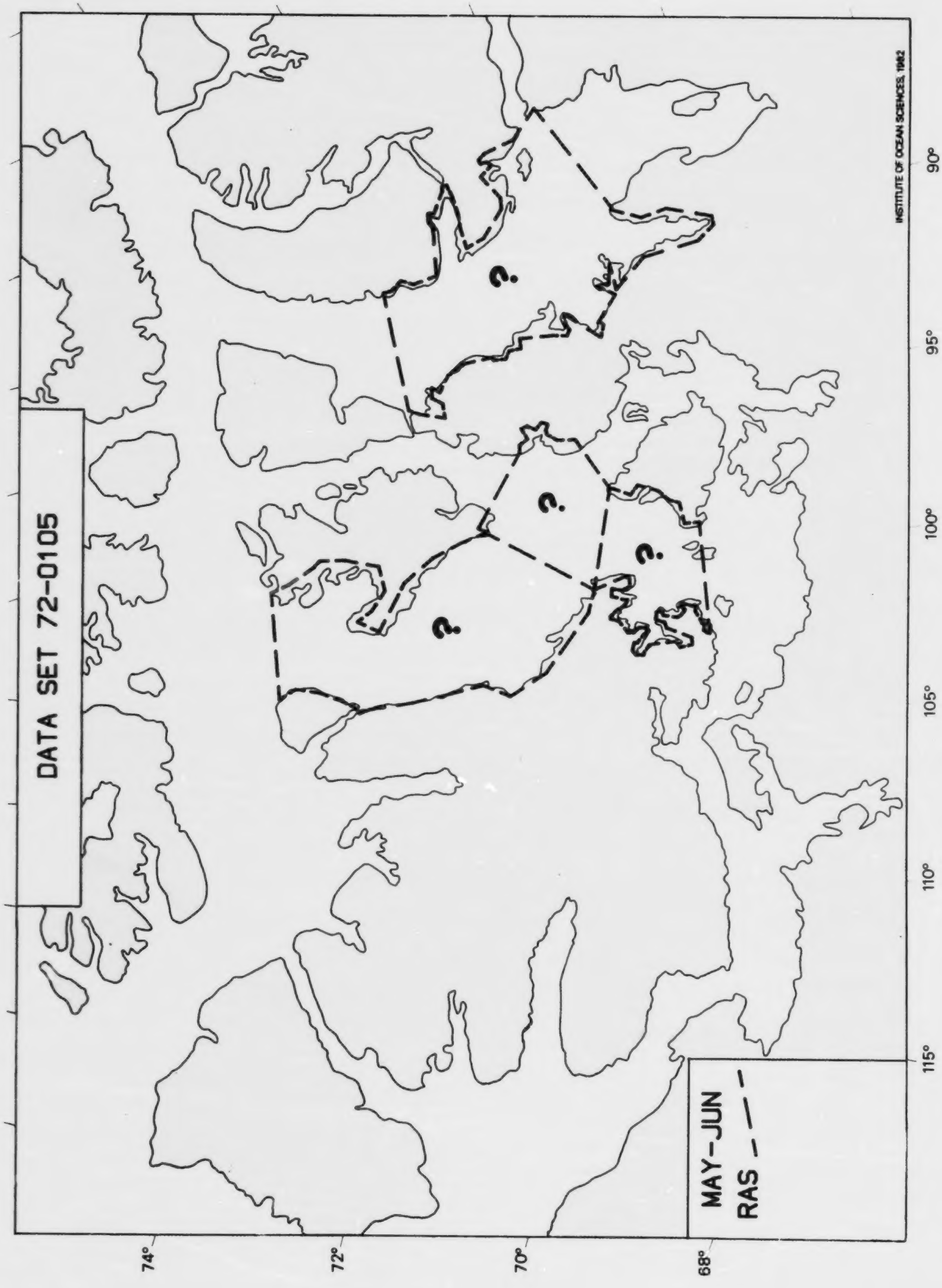
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MAY-JUN
RAS
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INSTITUTE OF OCEAN SCIENCES, 1982
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110°
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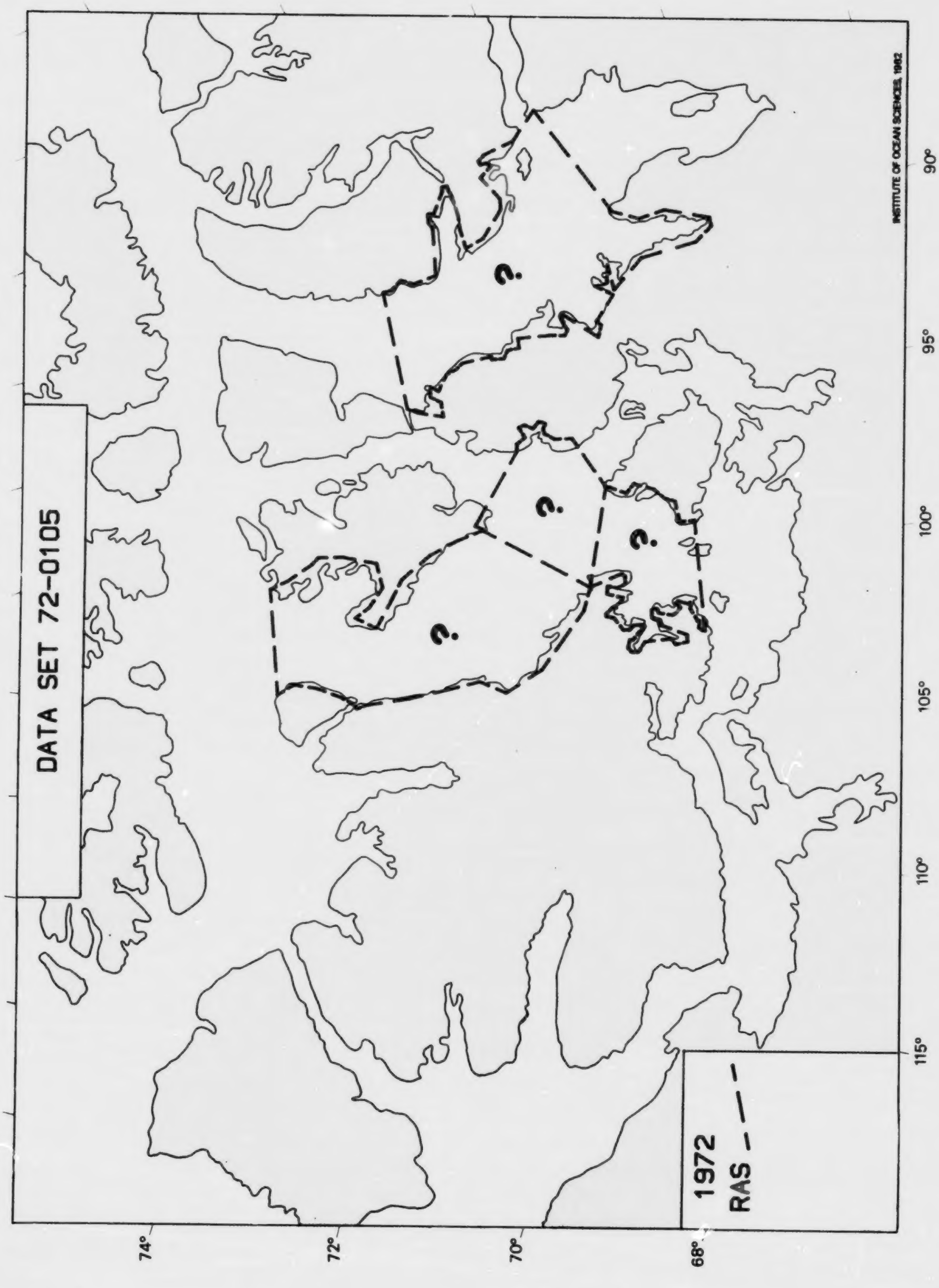
72°
70°
68°


DATA SET 72-0105
1972
RAS
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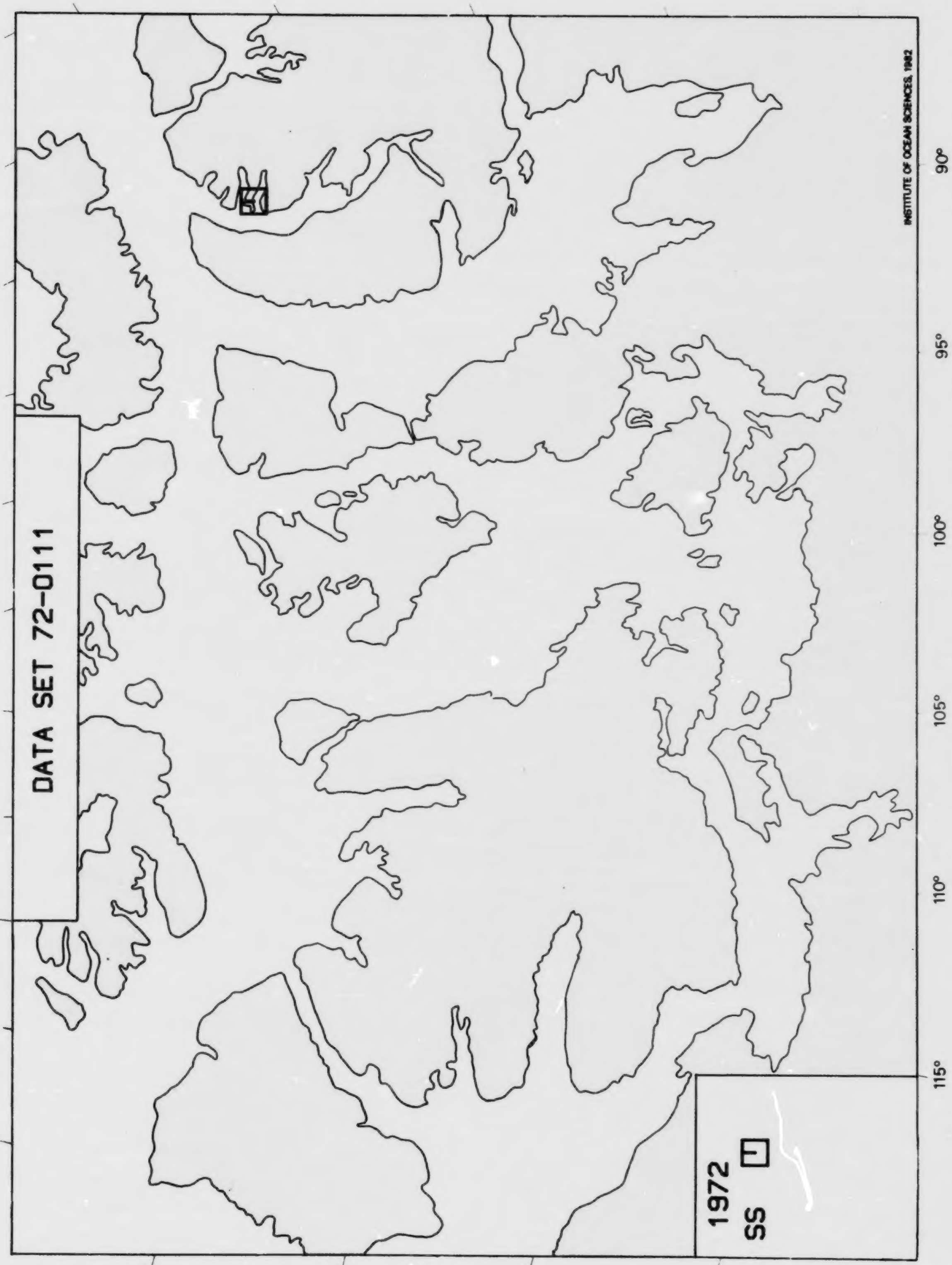
INSTITUTE OF OCEAN SCIENCES, 1982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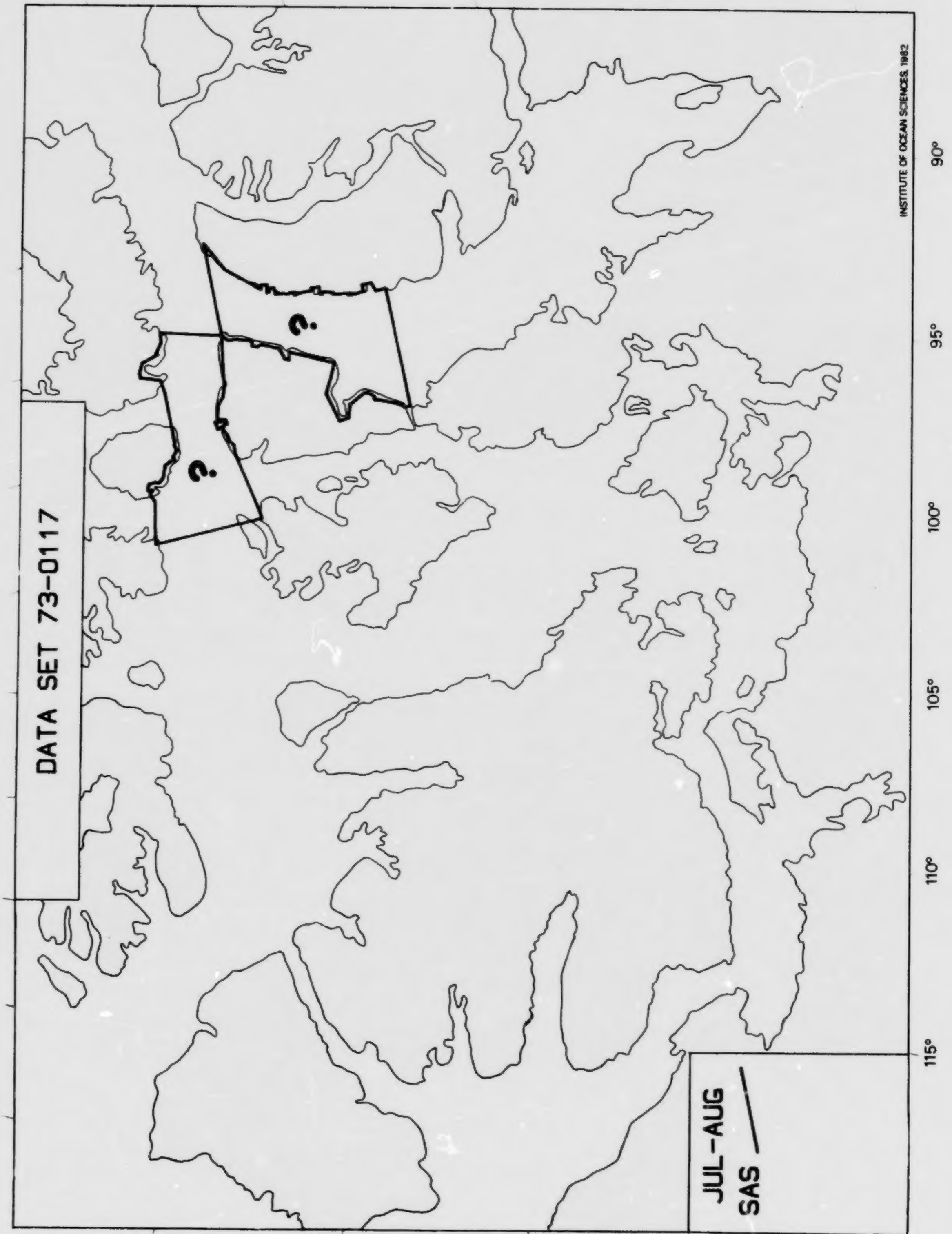
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 73-0117
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JUL-AUG
SAS
INSTITUTE OF OCEAN SCIENCES, 1982
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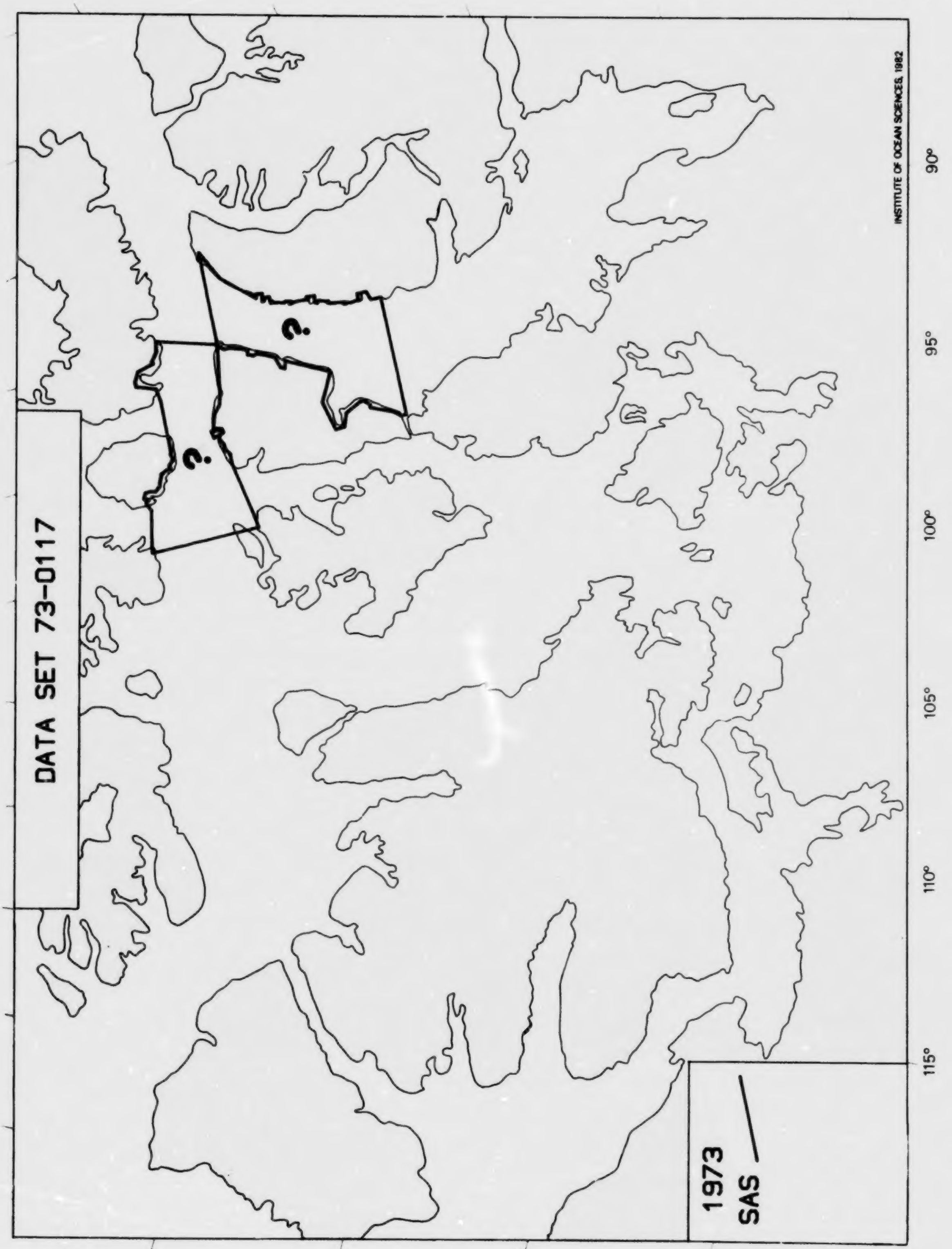

DATA SET 73-0117

1973
SAS
INSTITUTE OF OCEAN SCIENCES, 1982
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74°
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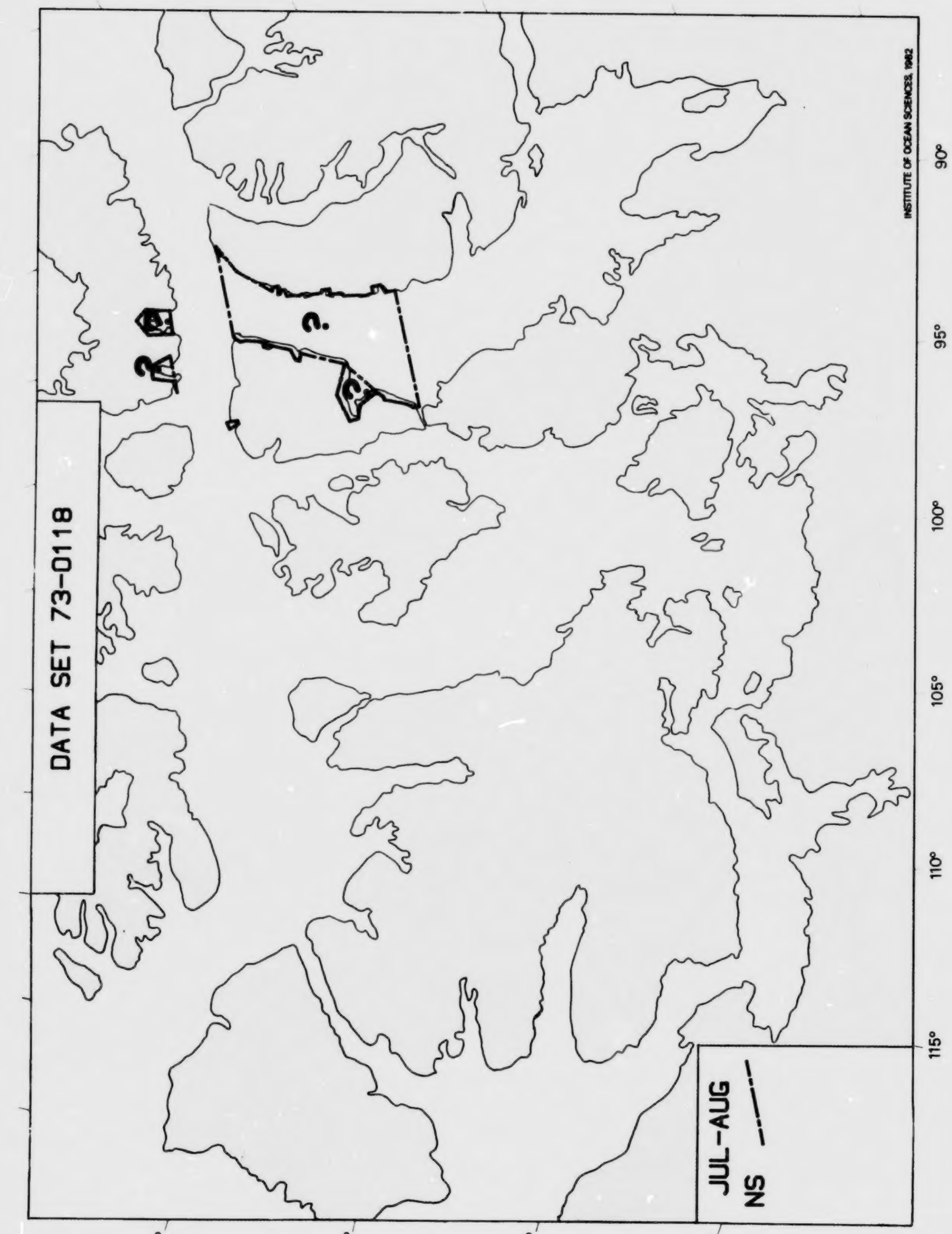
68°


DATA SET 73-0118
JUL-AUG
NS
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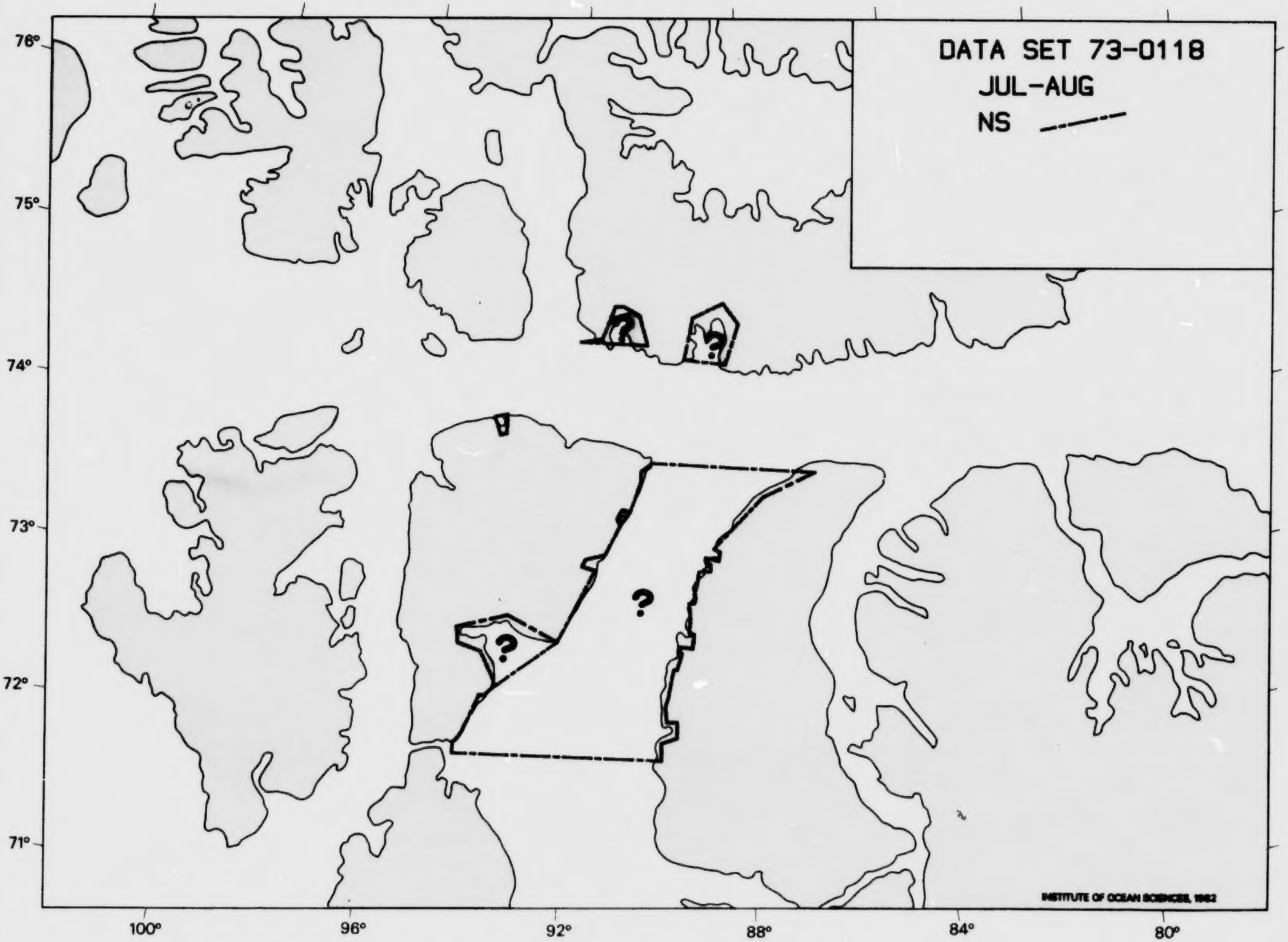
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 73-0118
JUL-AUG
NS —·—·—
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75°
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73°
72°
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88°
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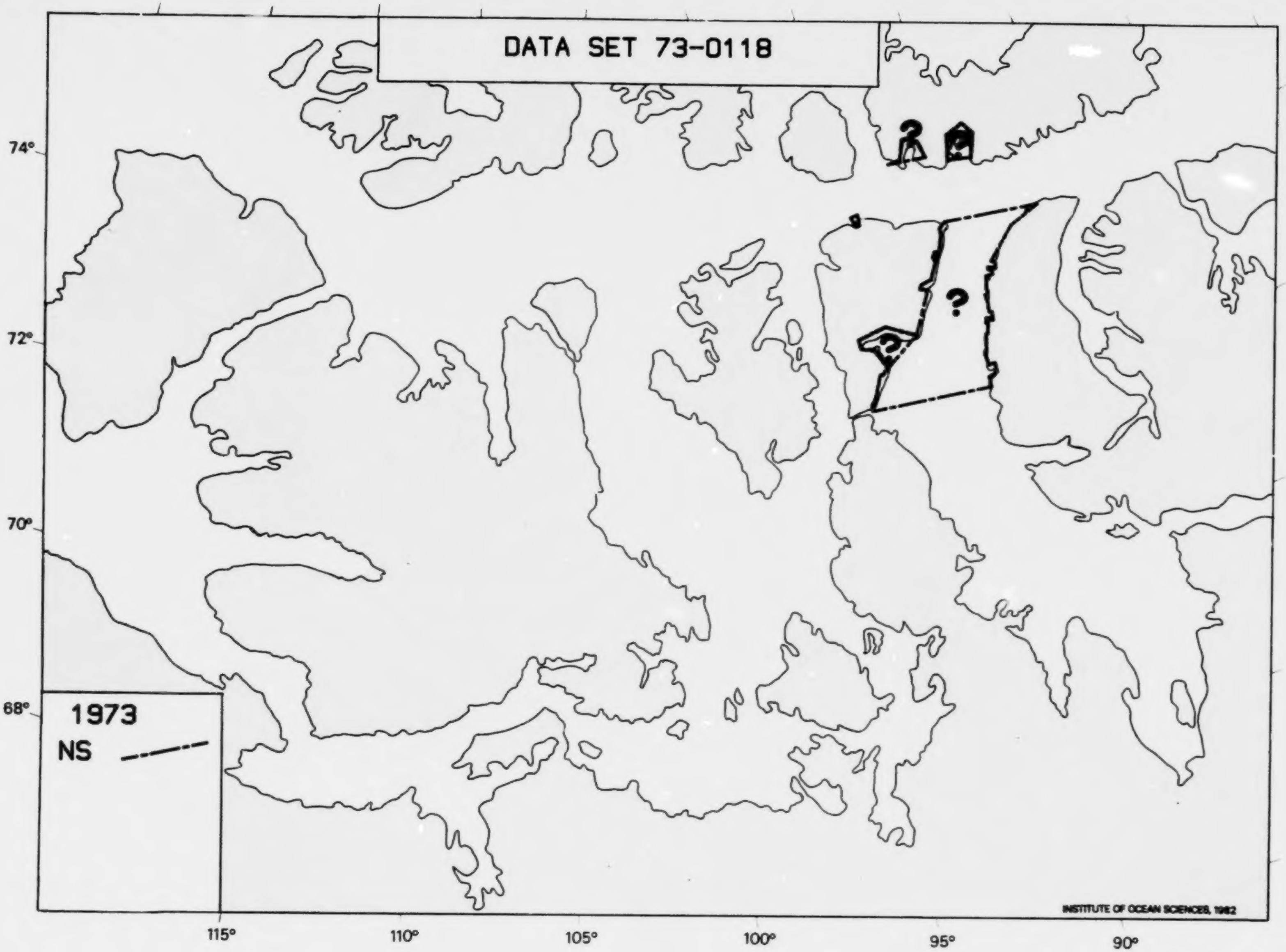
INSTITUTE OF OCEAN SCIENCES, 1982



DATA SET 73-0118

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NS
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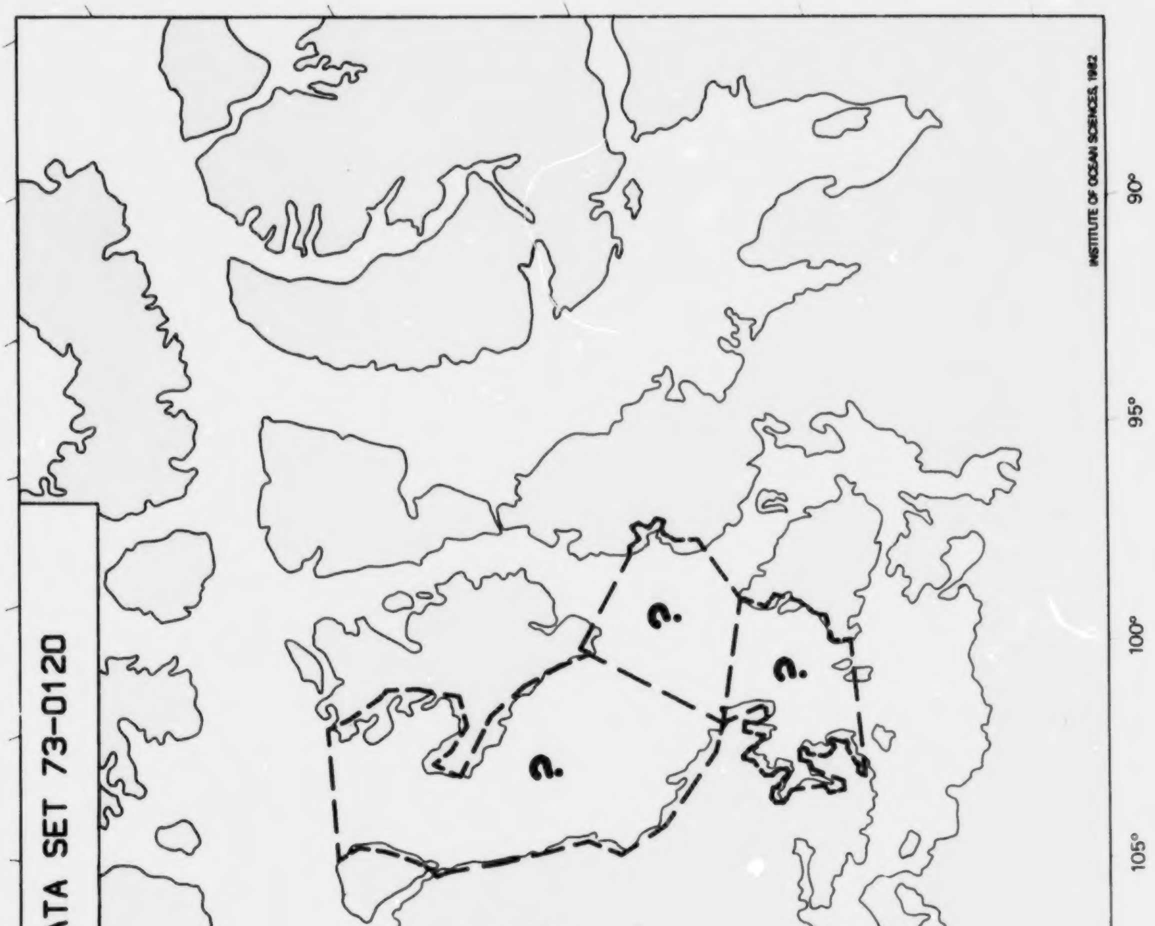
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 73-0120
MAR-APR
RAS
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INSTITUTE OF OCEAN SCIENCES, 1982
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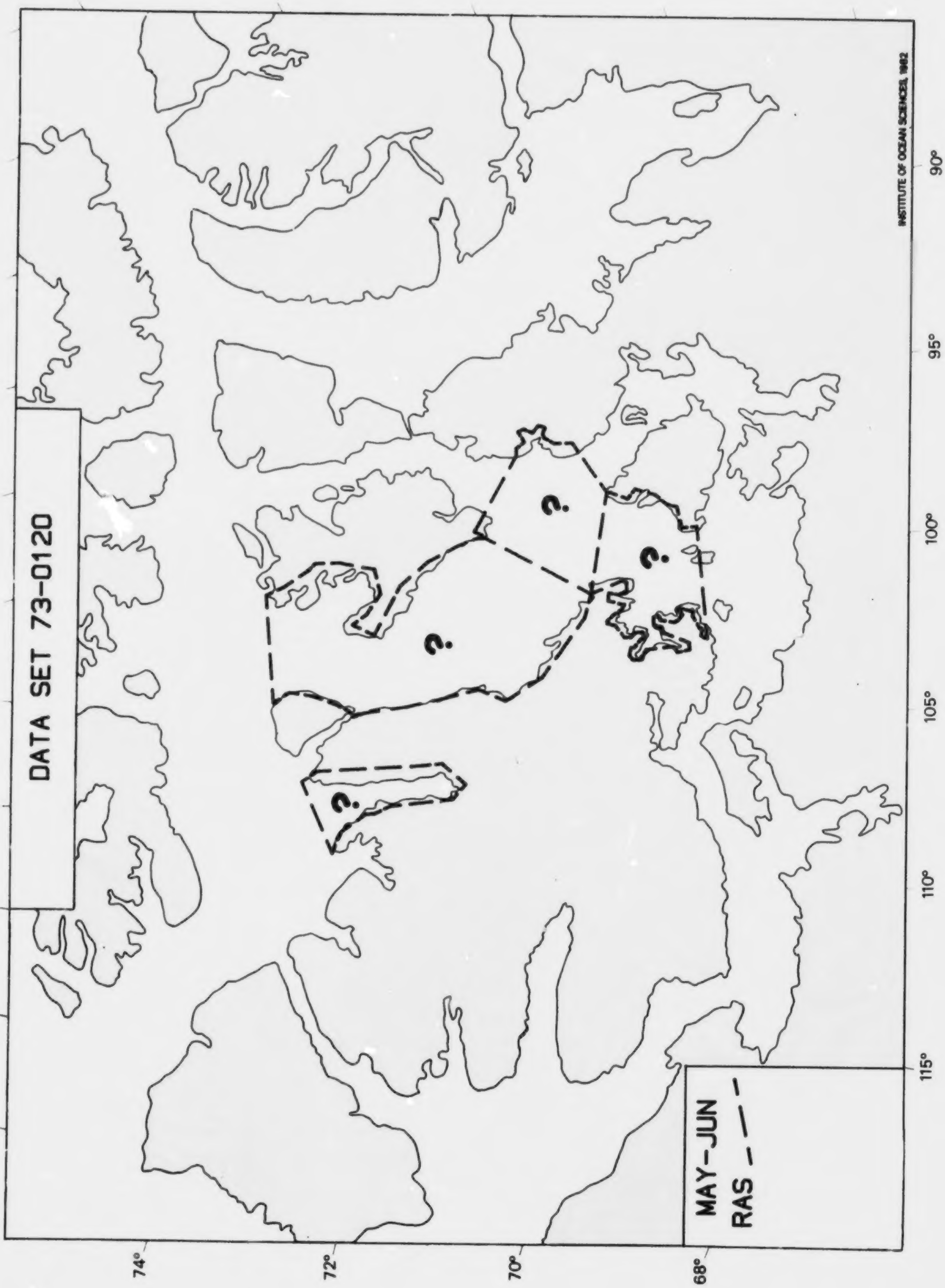
68°


DATA SET 73-0120
MAY–JUN
RAS
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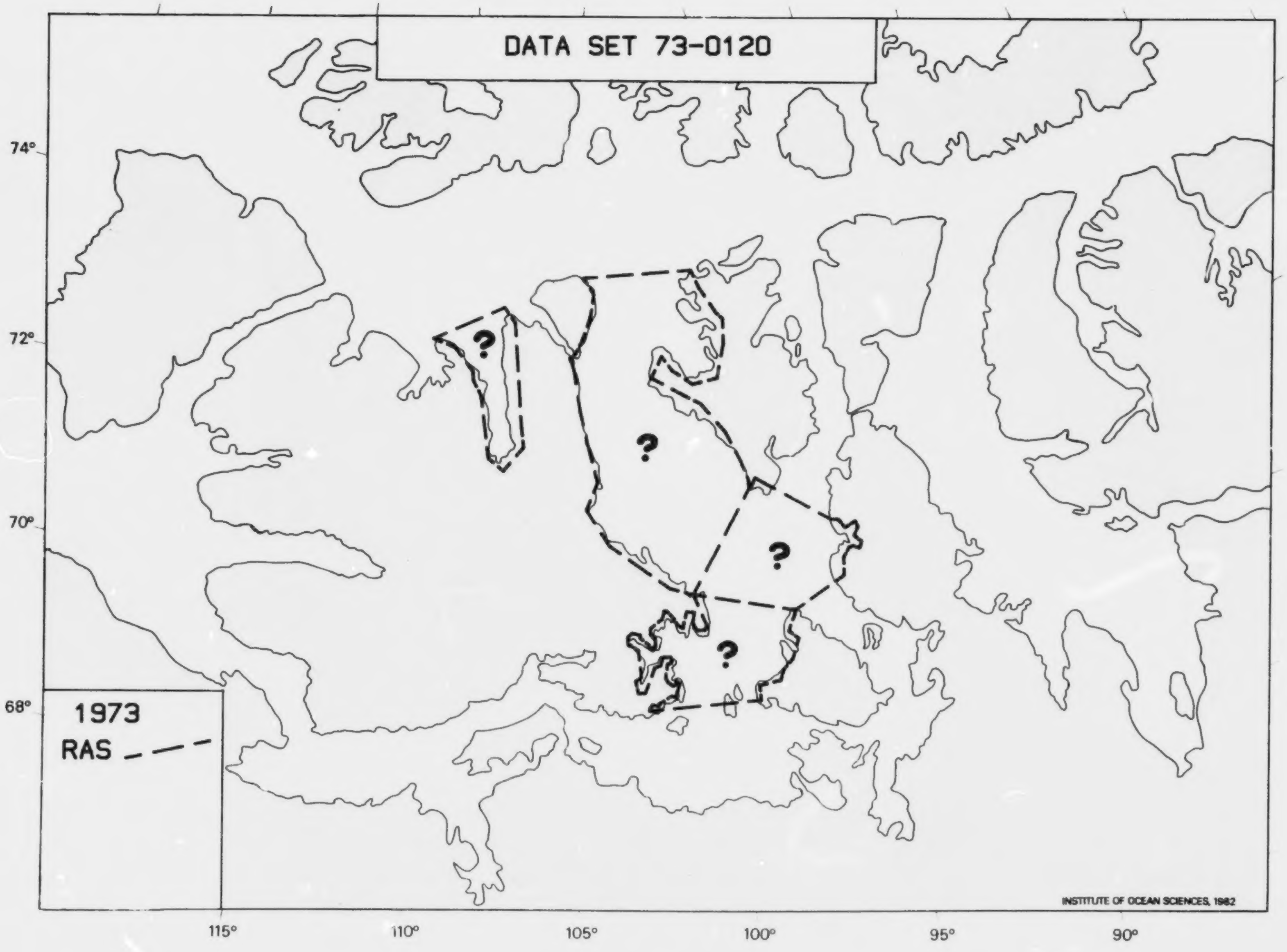
INSTITUTE OF OCEAN SCIENCES, 1982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1973
RAS
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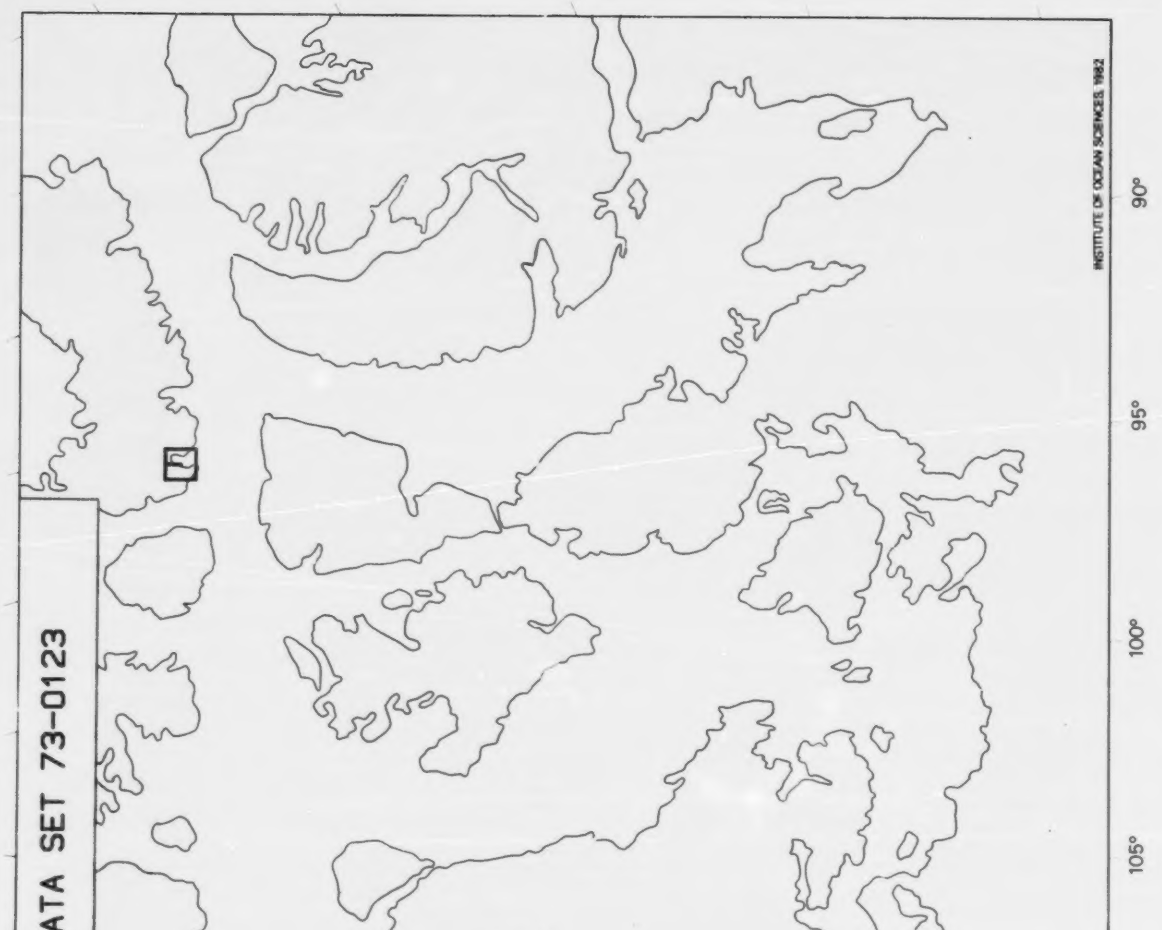
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 73-0123
JUL-AUG ☐
SS
INSTITUTE OF OCEAN SCIENCES 1982
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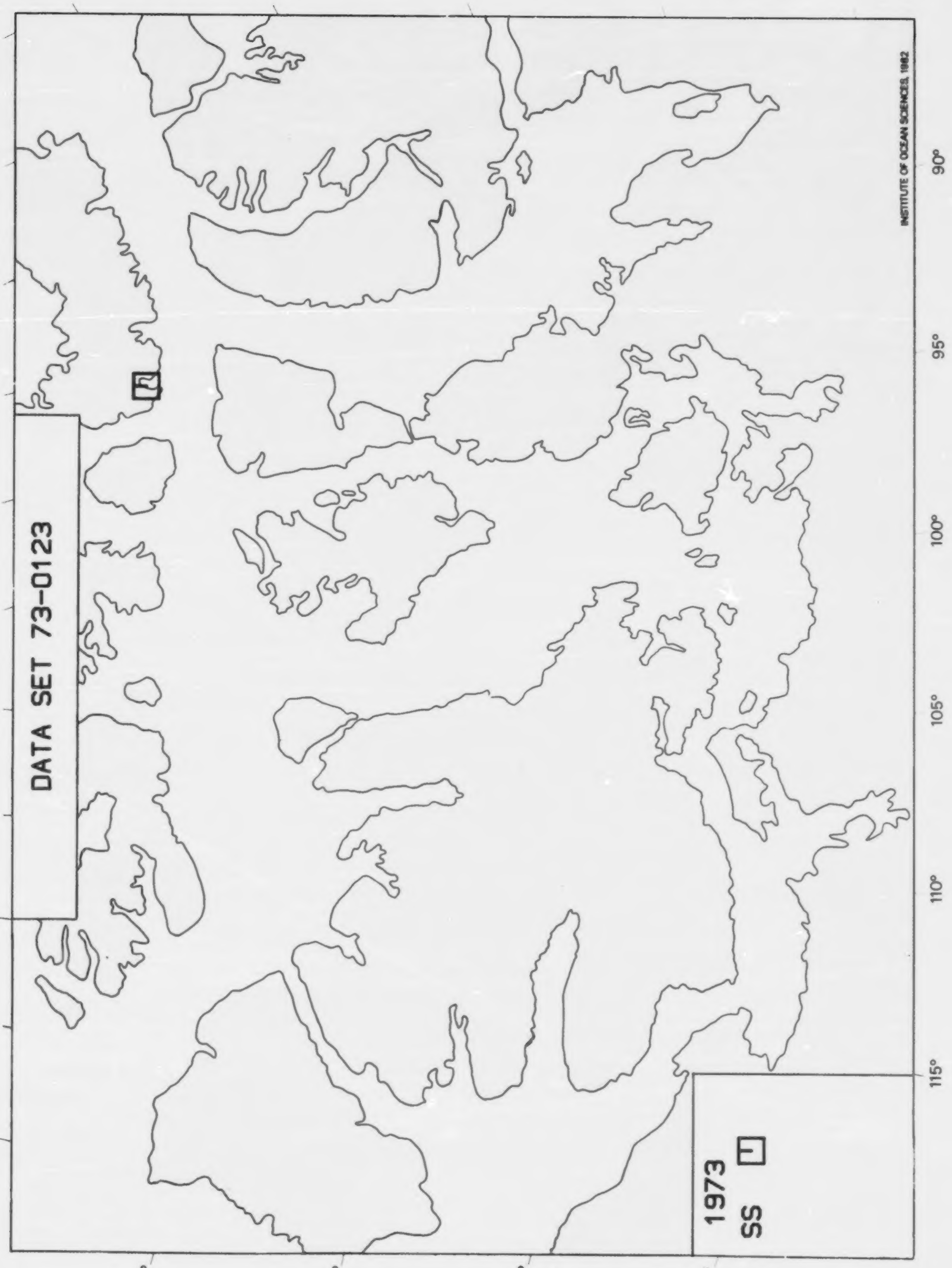
115°


DATA SET 73-0123
1973
SS
74°
72°
70°
68°
90°
95°
100°
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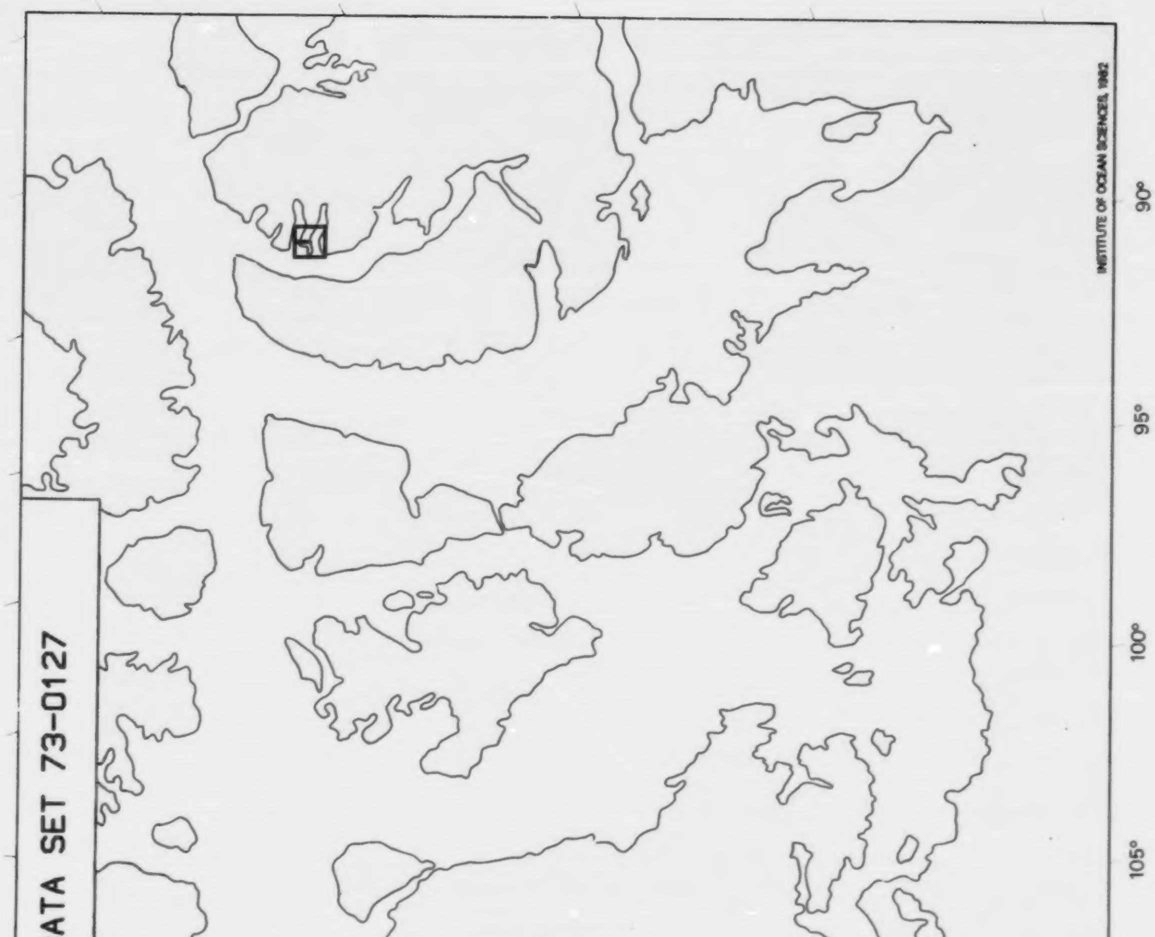
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982



DATA SET 73-0127

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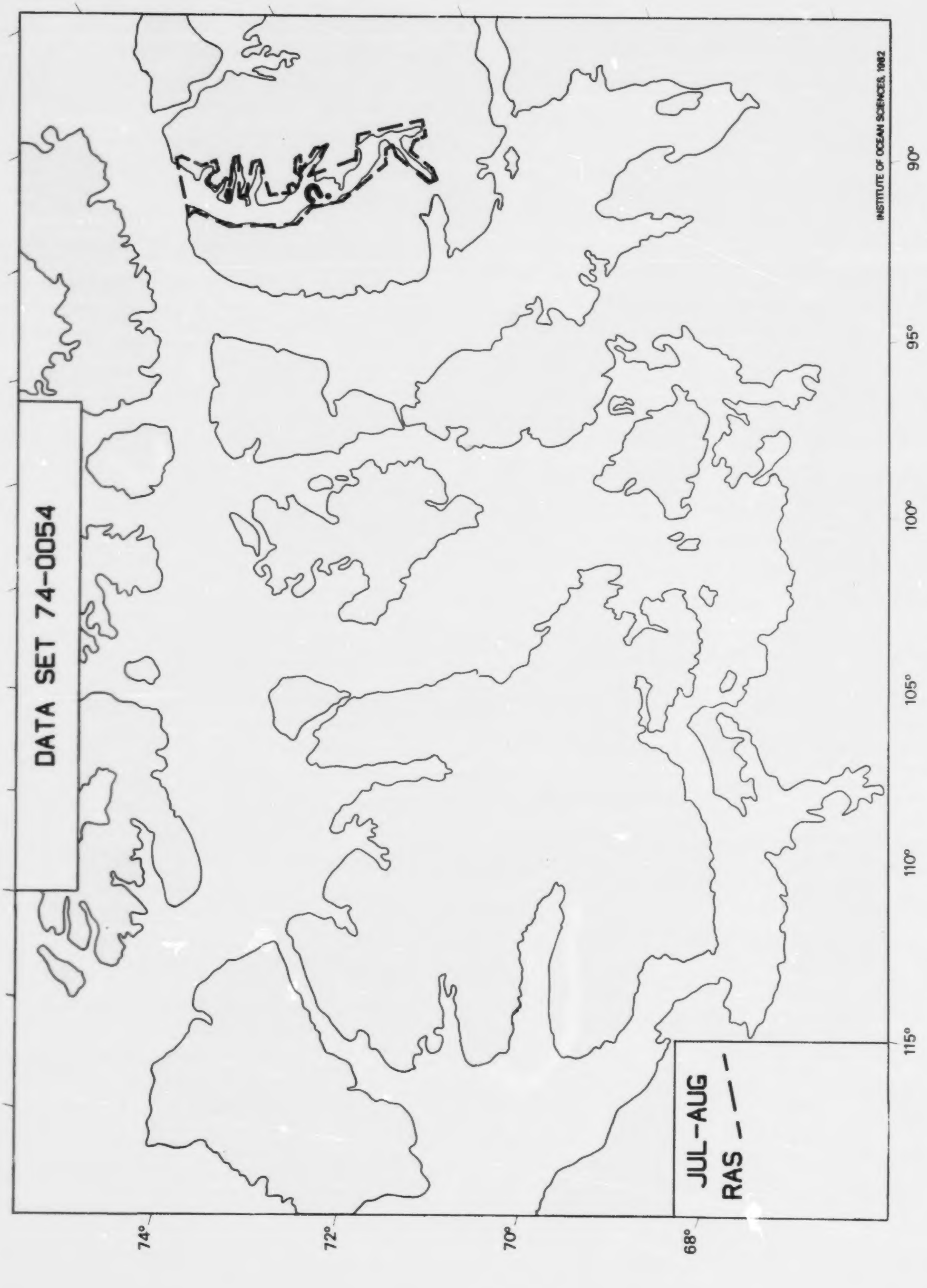
INSTITUTE OF OCEAN SCIENCES, 1982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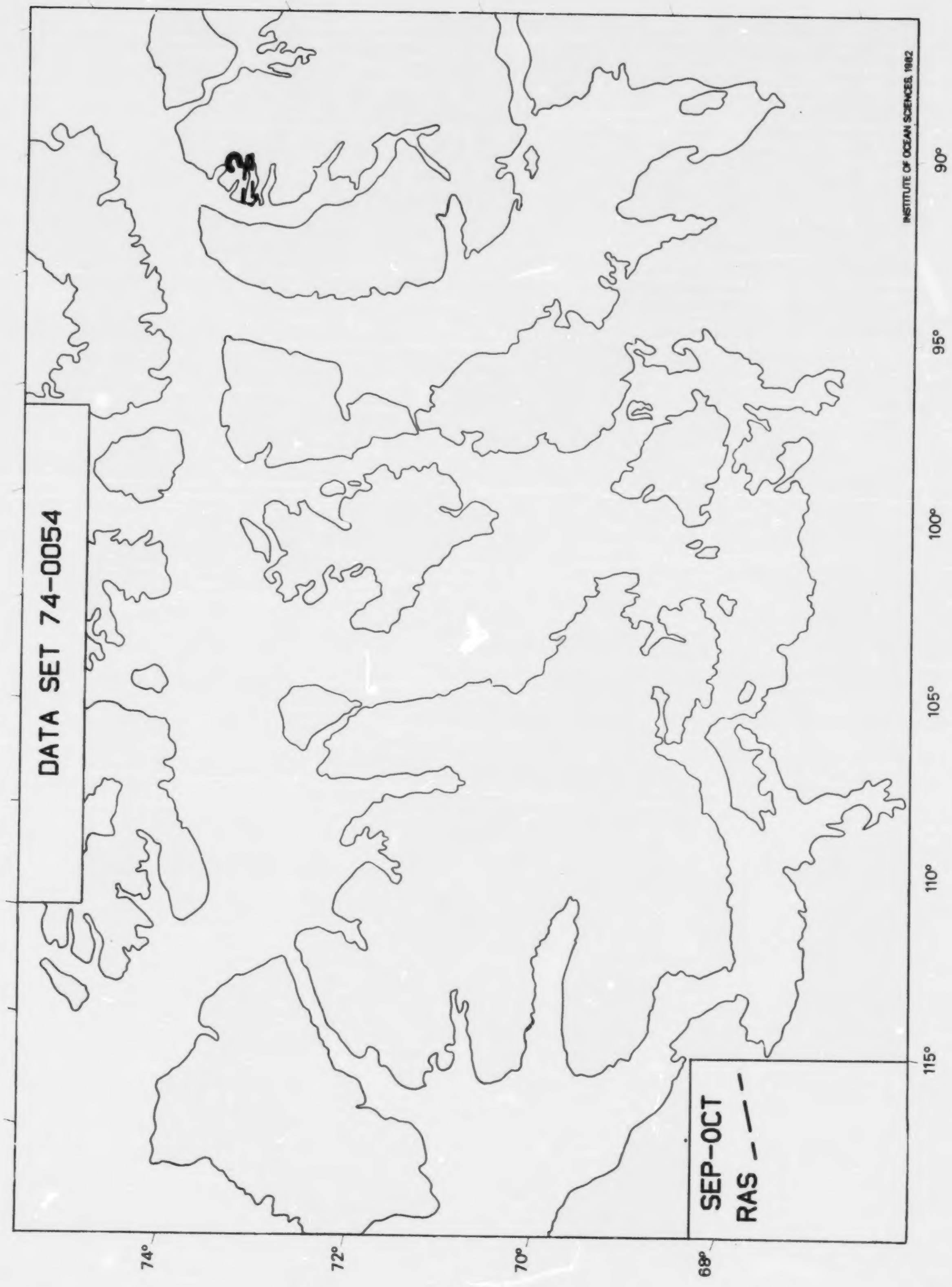
INSTITUTE OF OCEAN SCIENCES, 1982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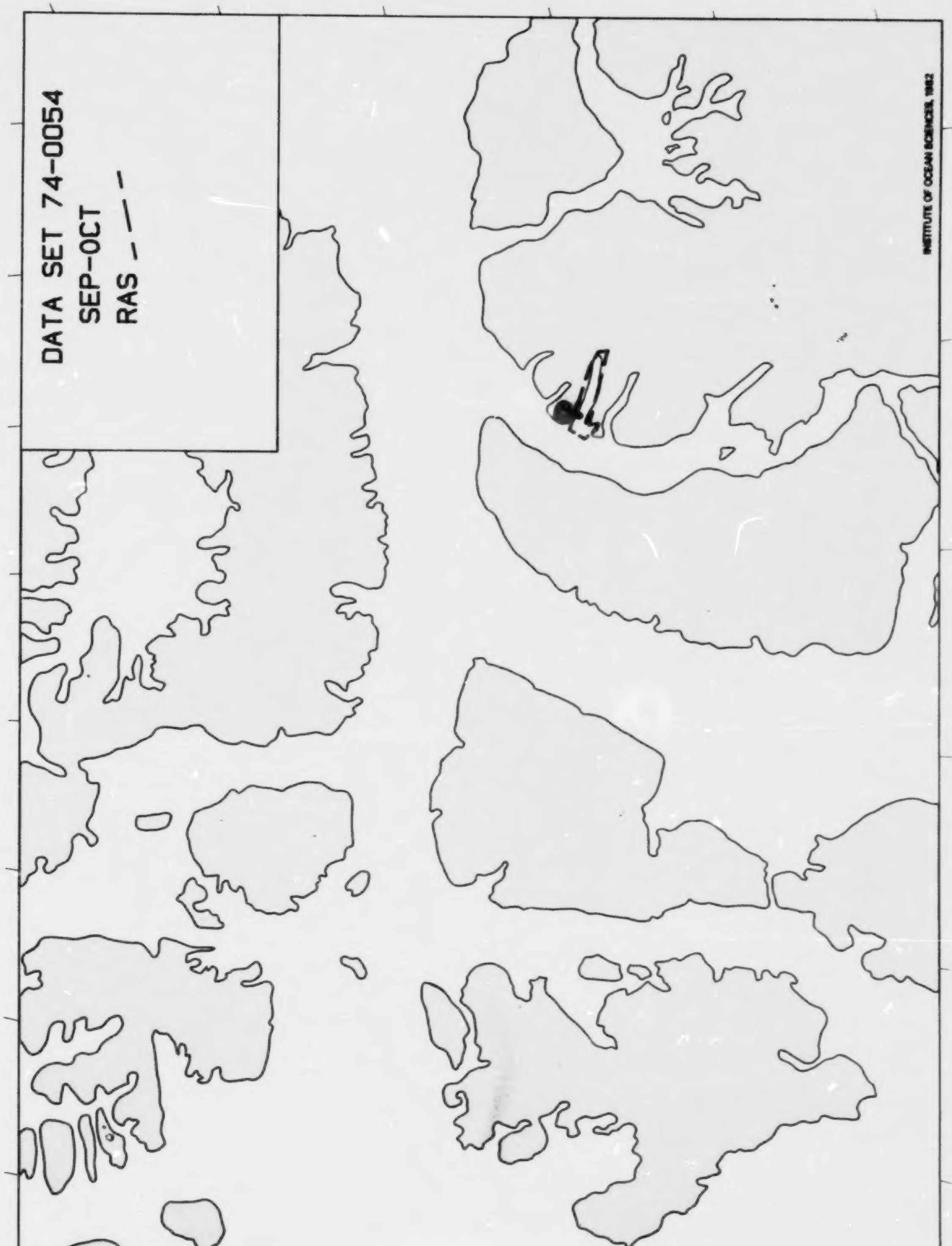
INSTITUTE OF OCEAN SCIENCES, 1982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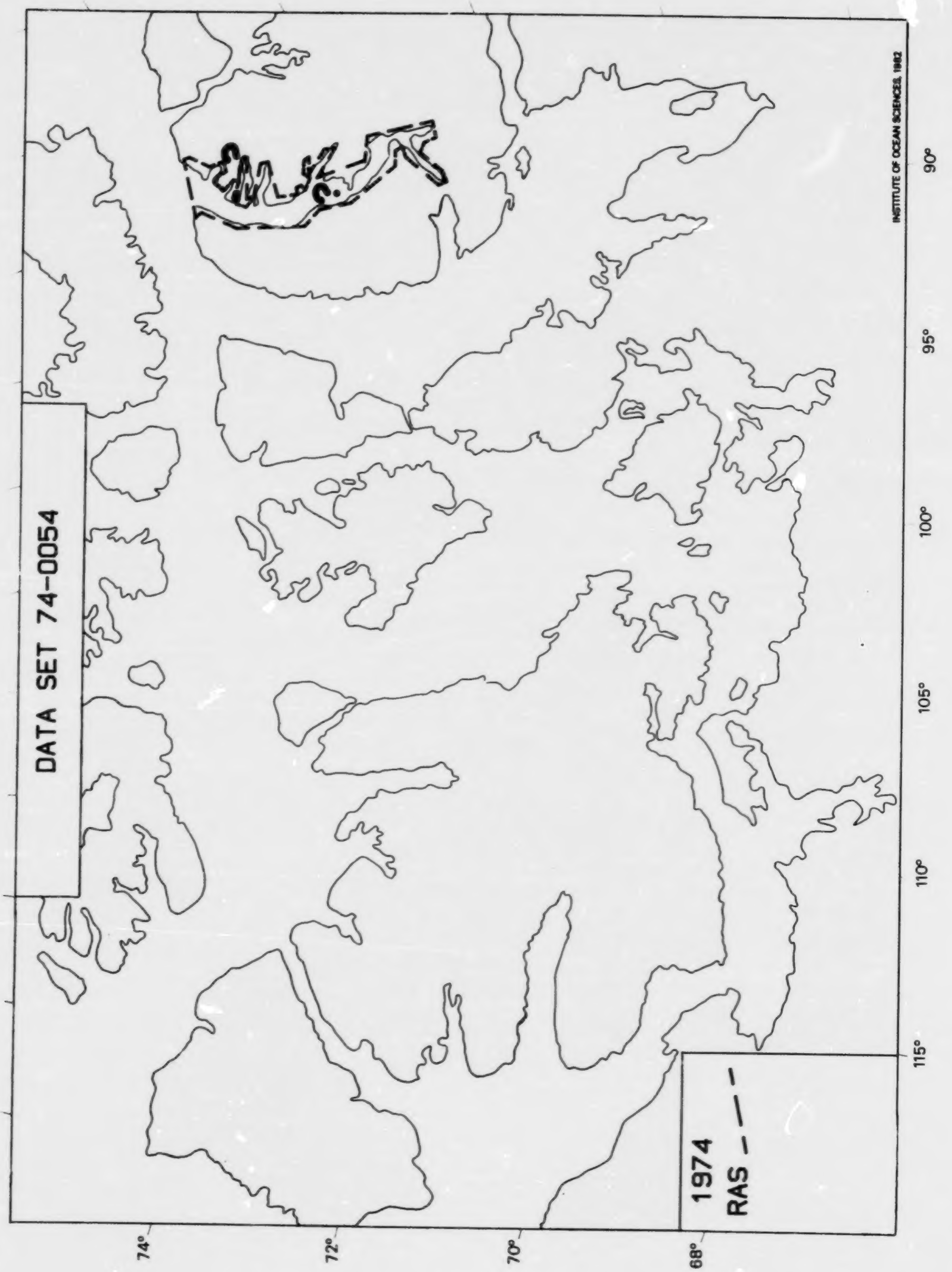
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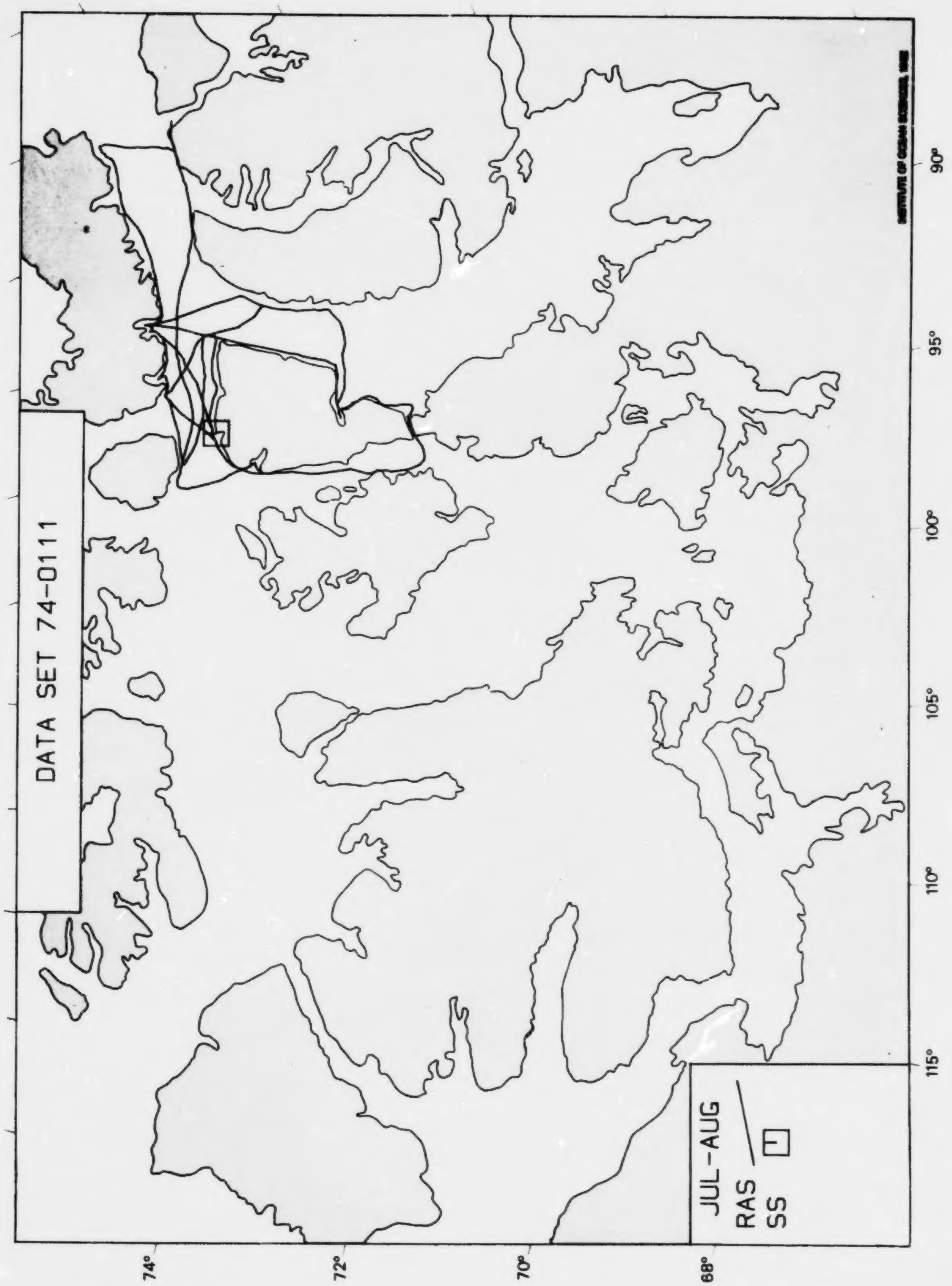
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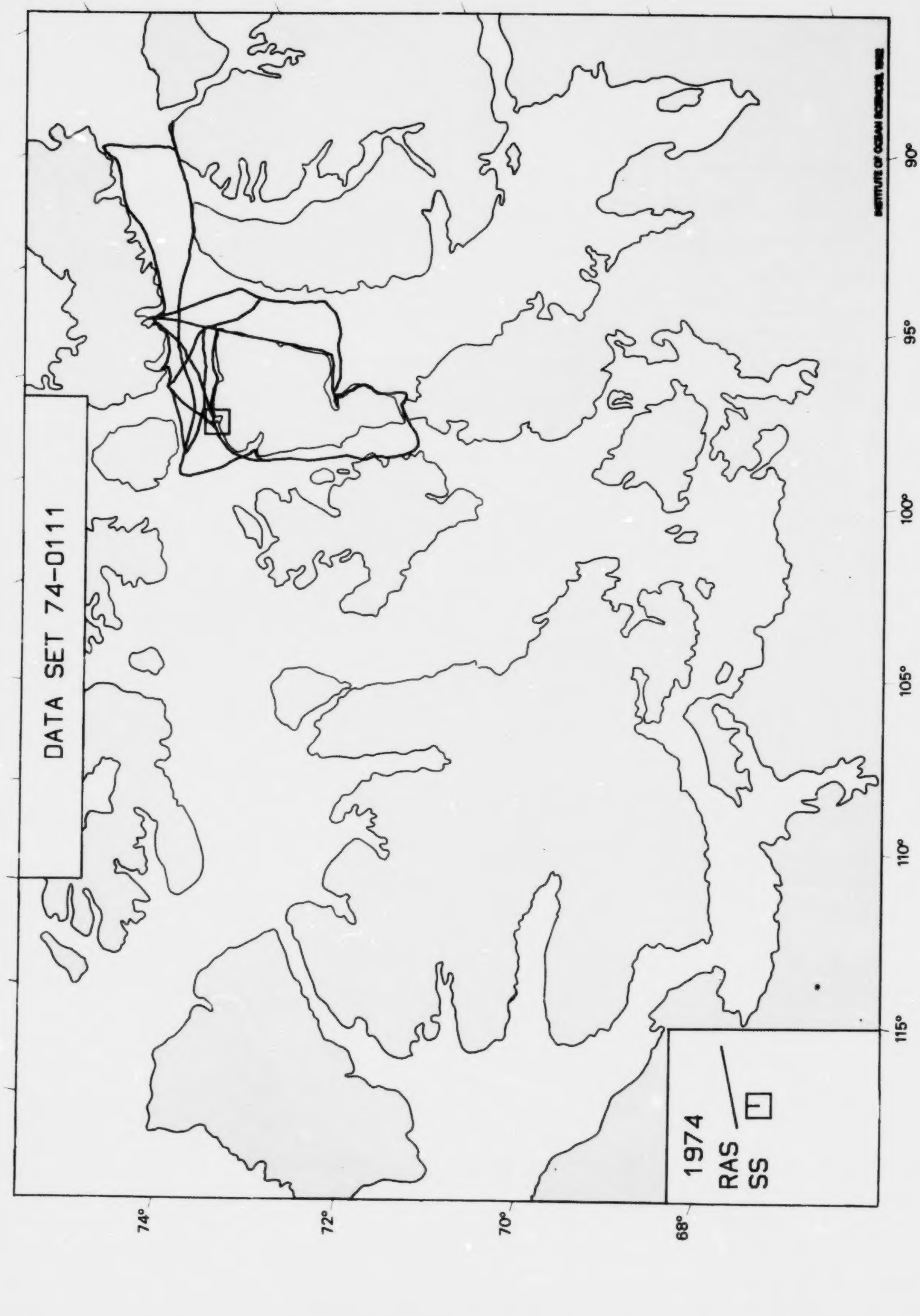
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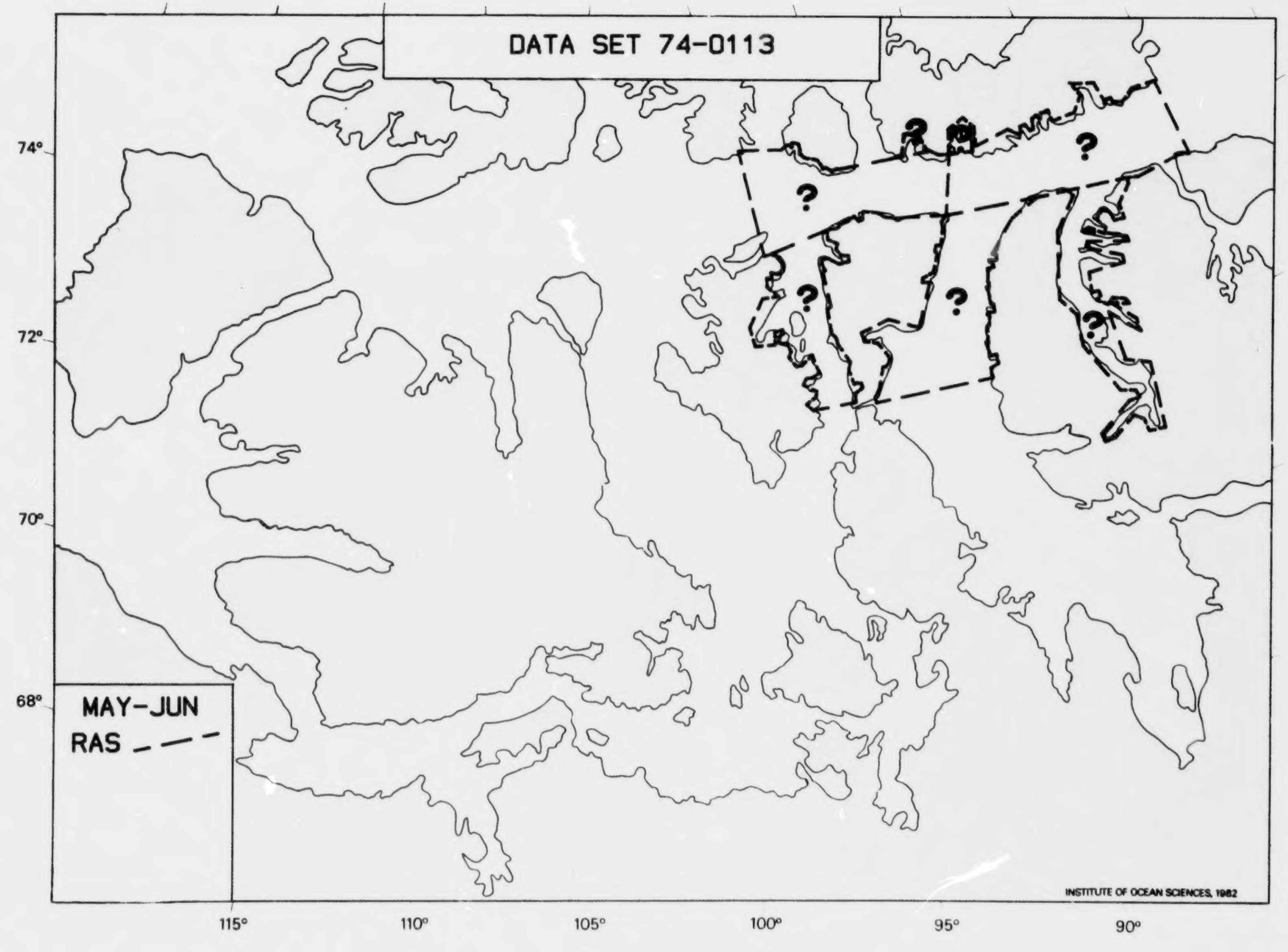
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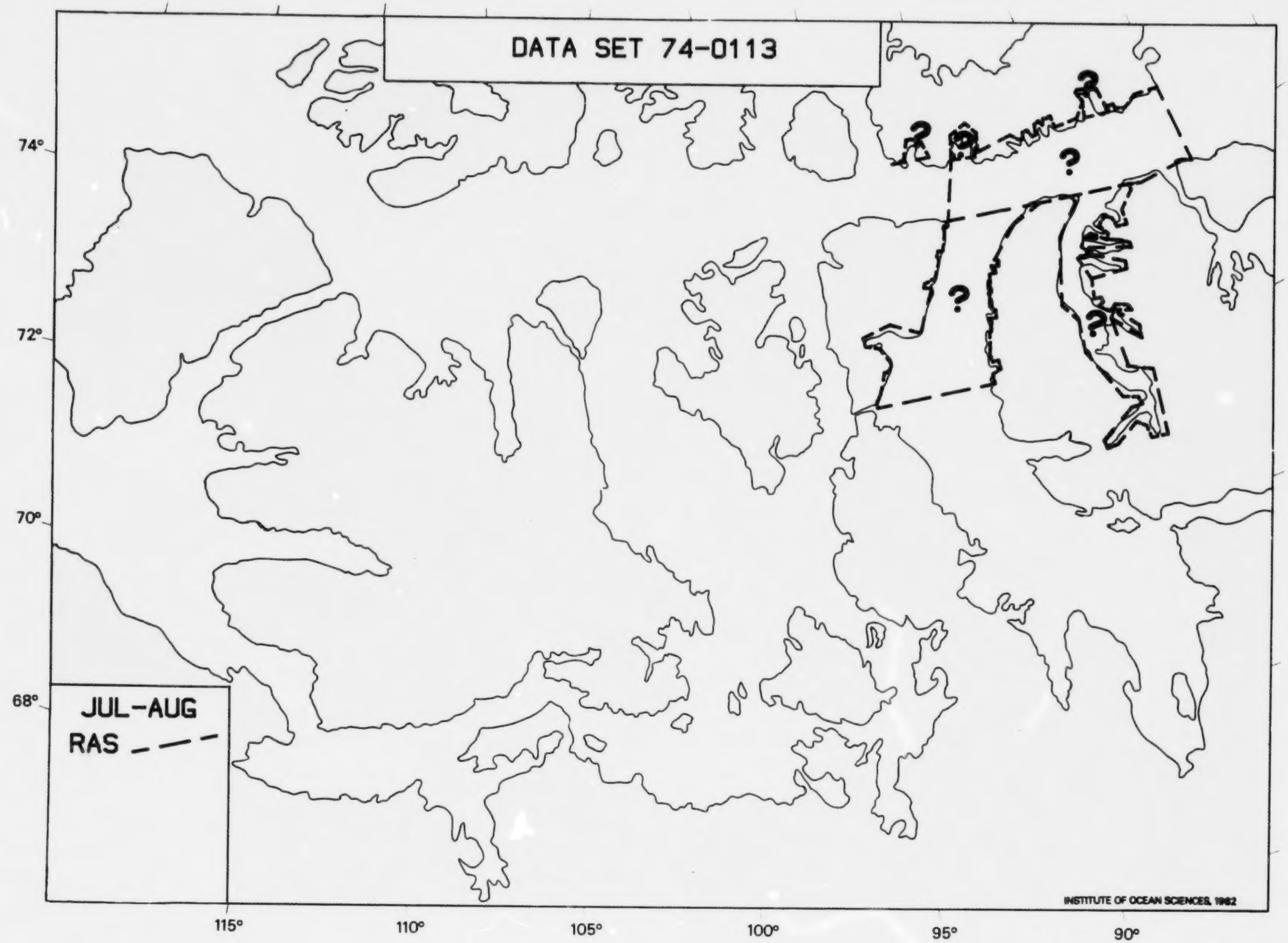
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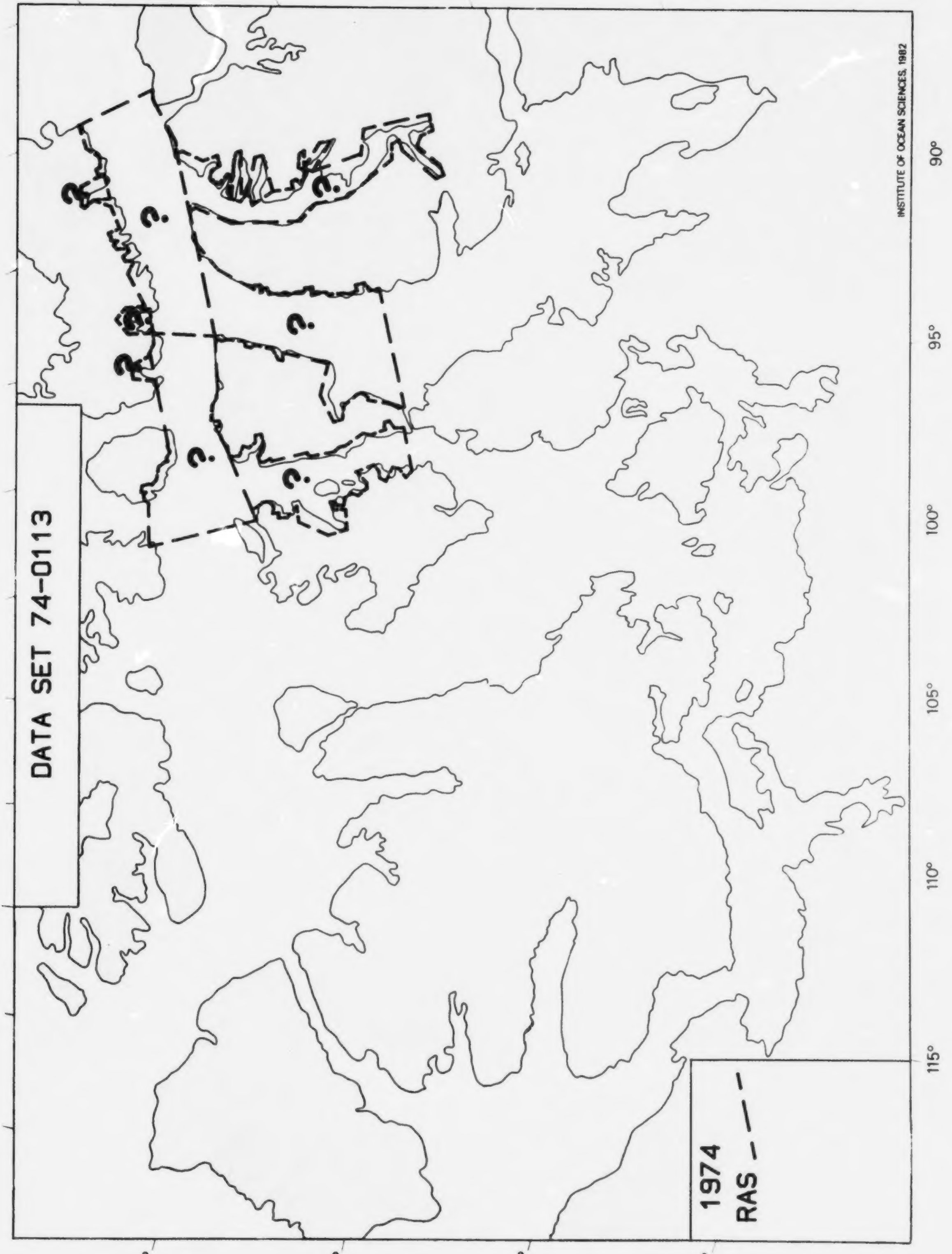
INSTITUTE OF OCEAN SCIENCES, 1982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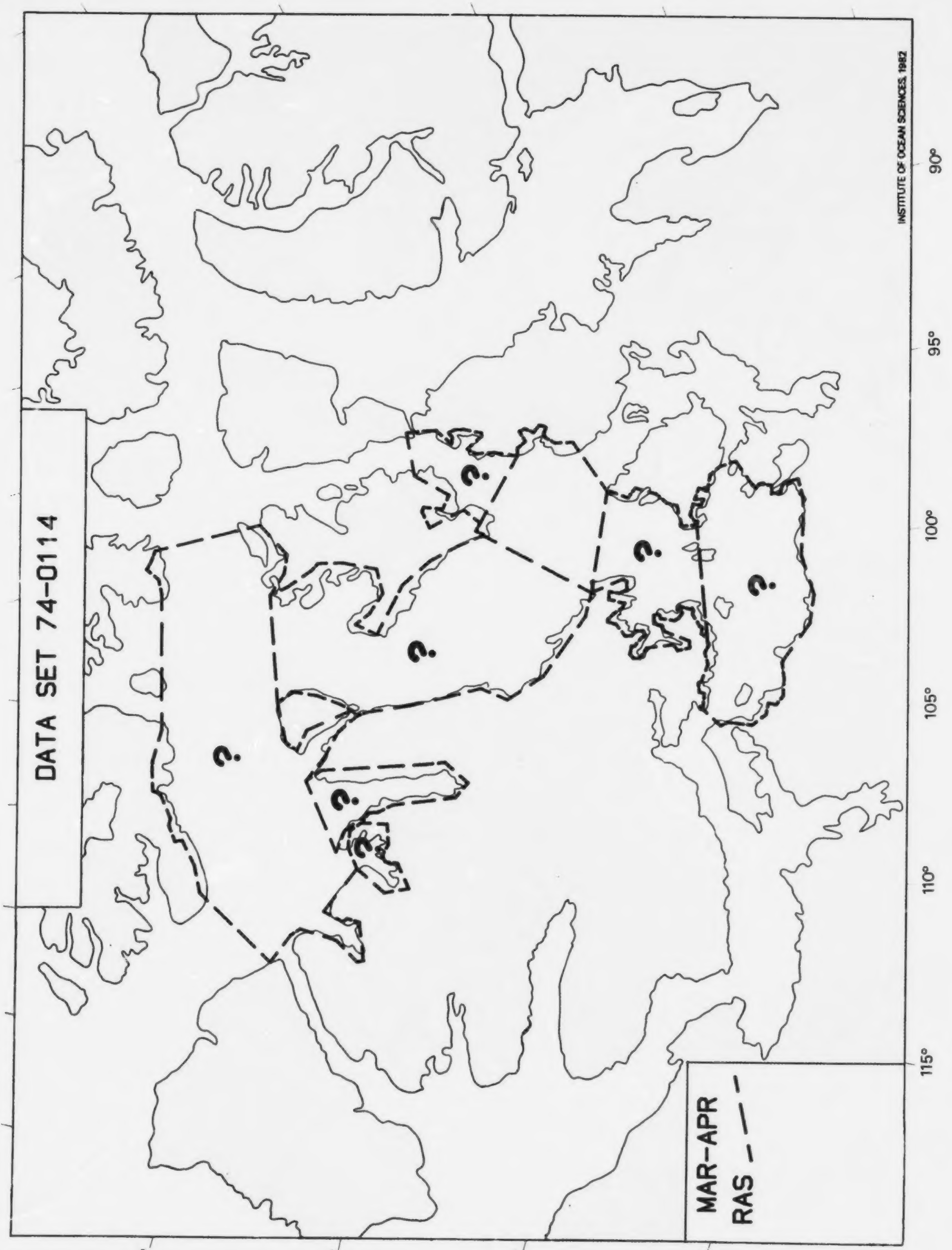
INSTITUTE OF OCEAN SCIENCES, 1982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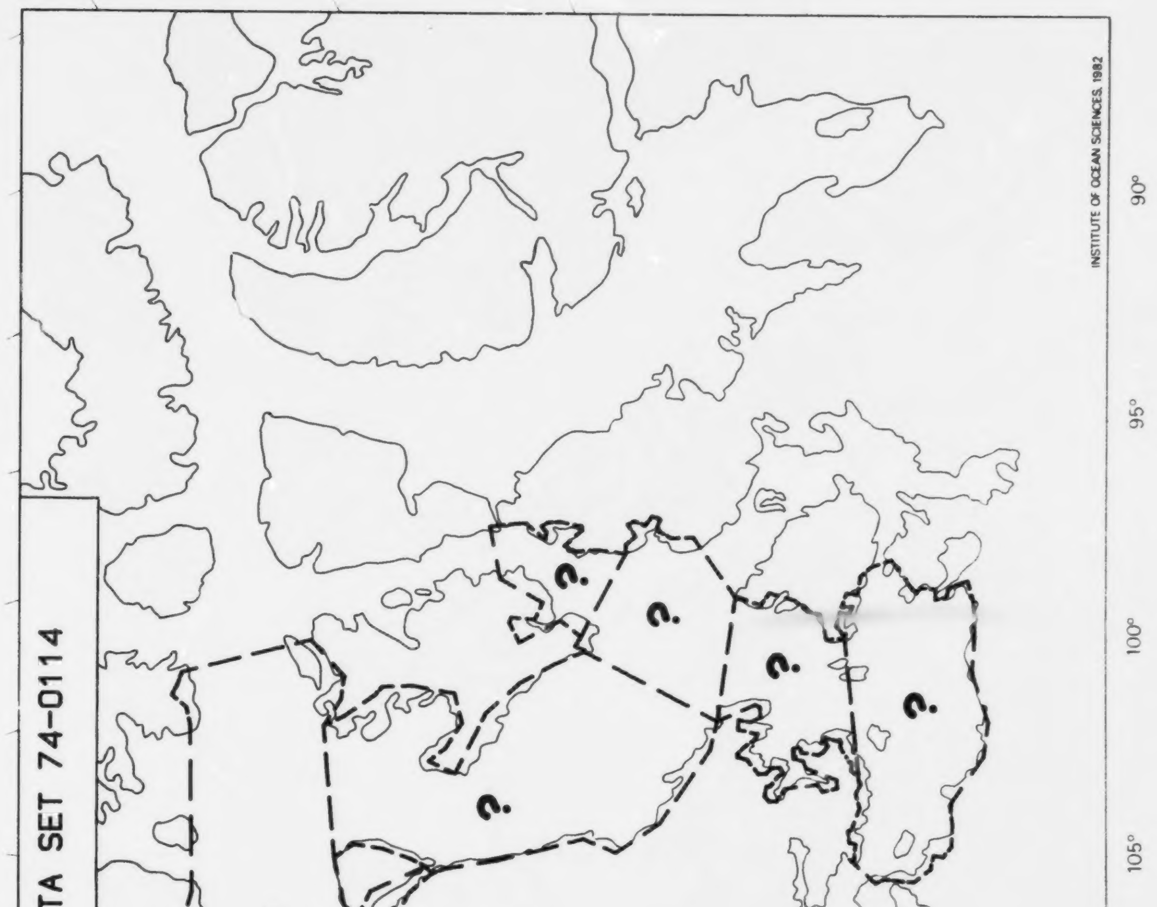
INSTITUTE OF OCEAN SCIENCES, 1982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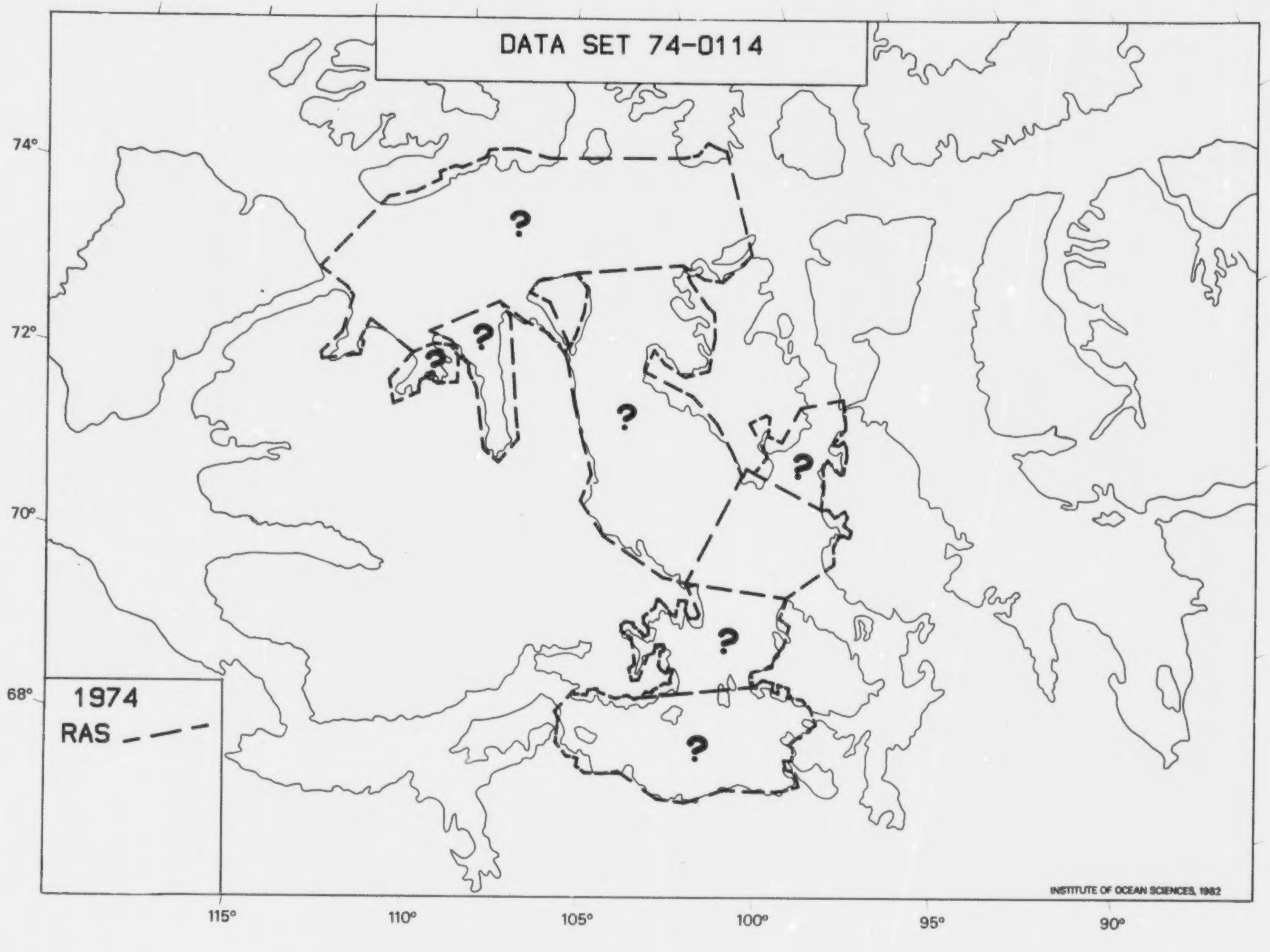
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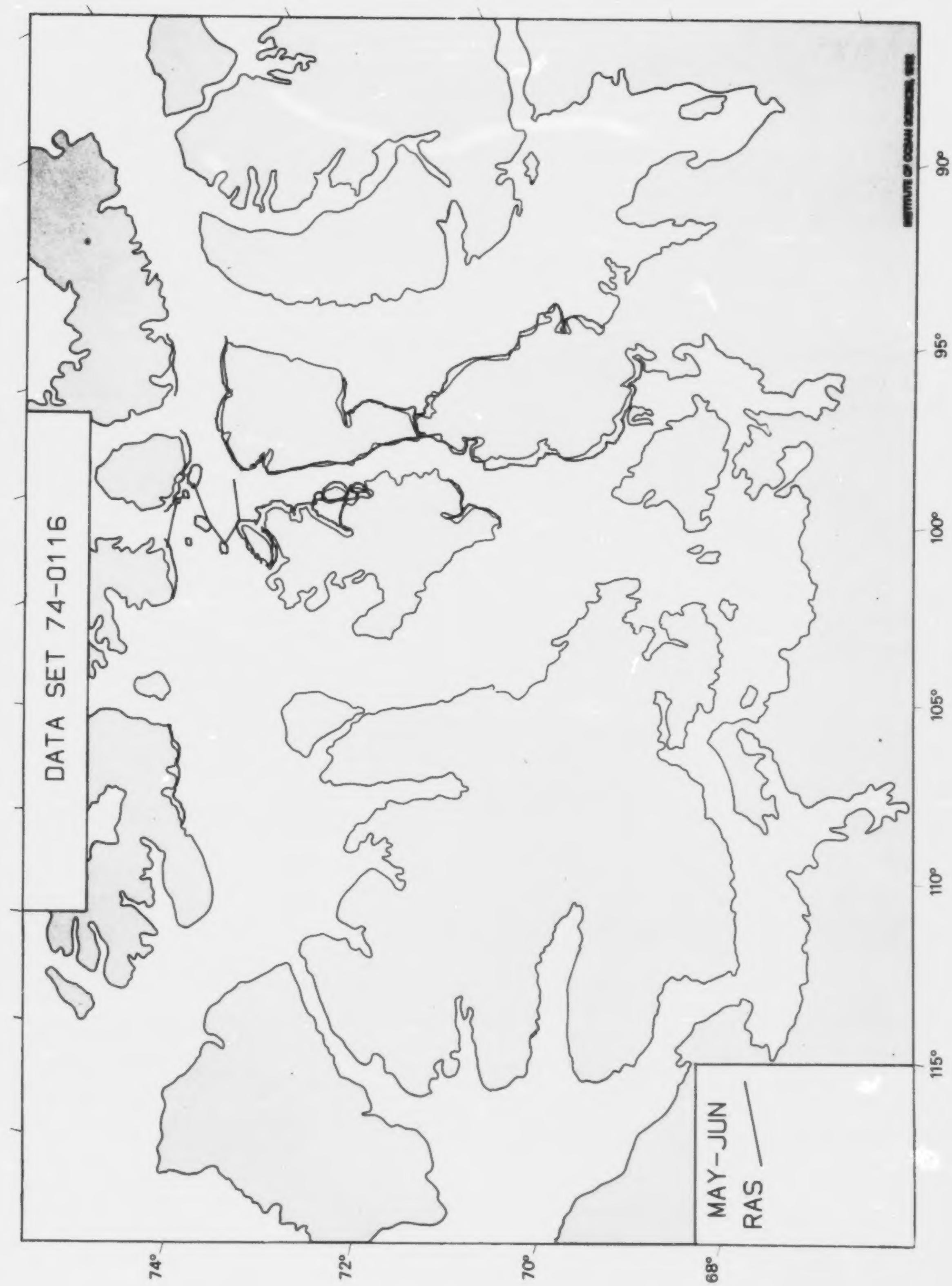
INSTITUTE OF OCEAN SCIENCES, 1982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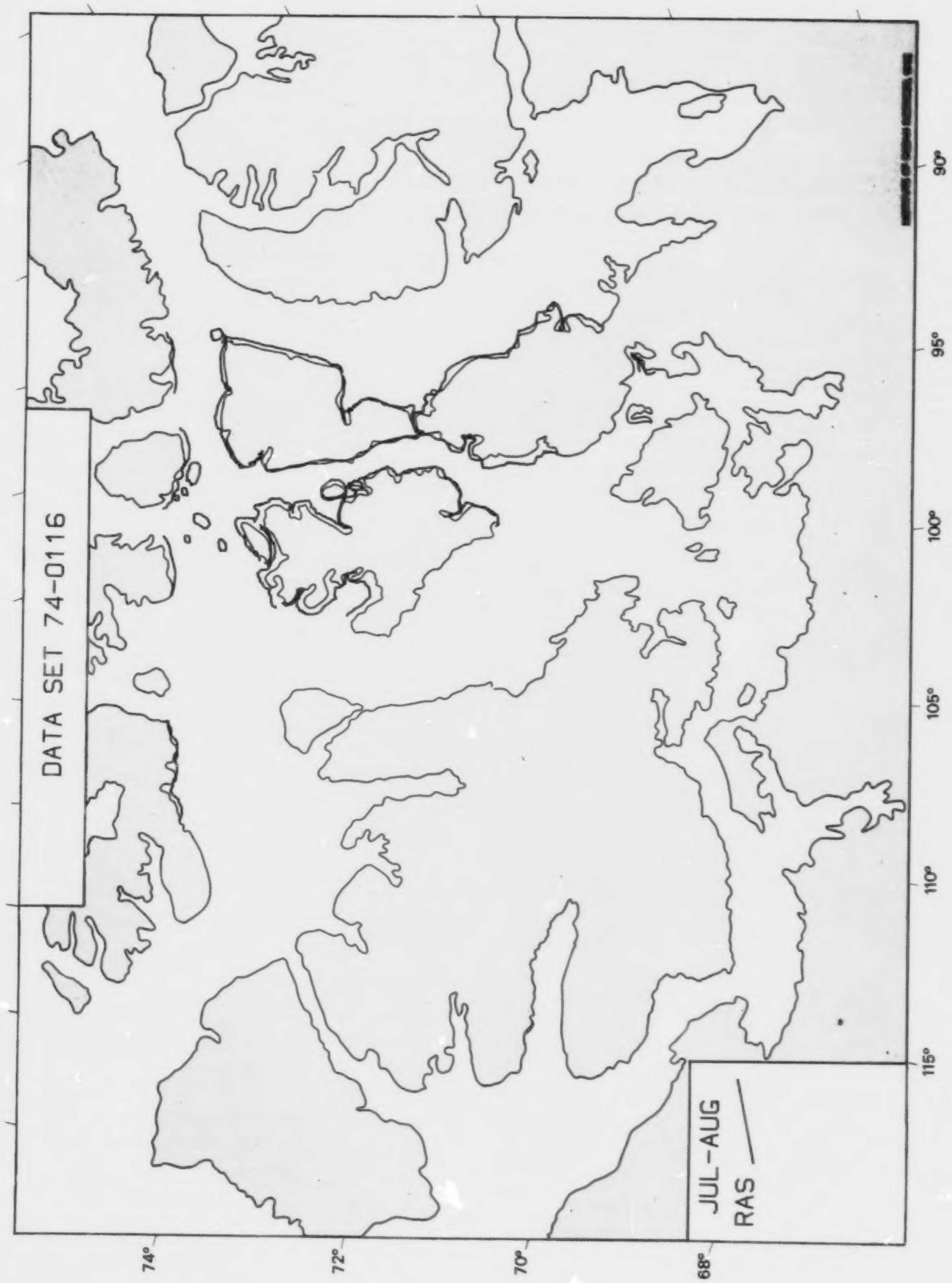
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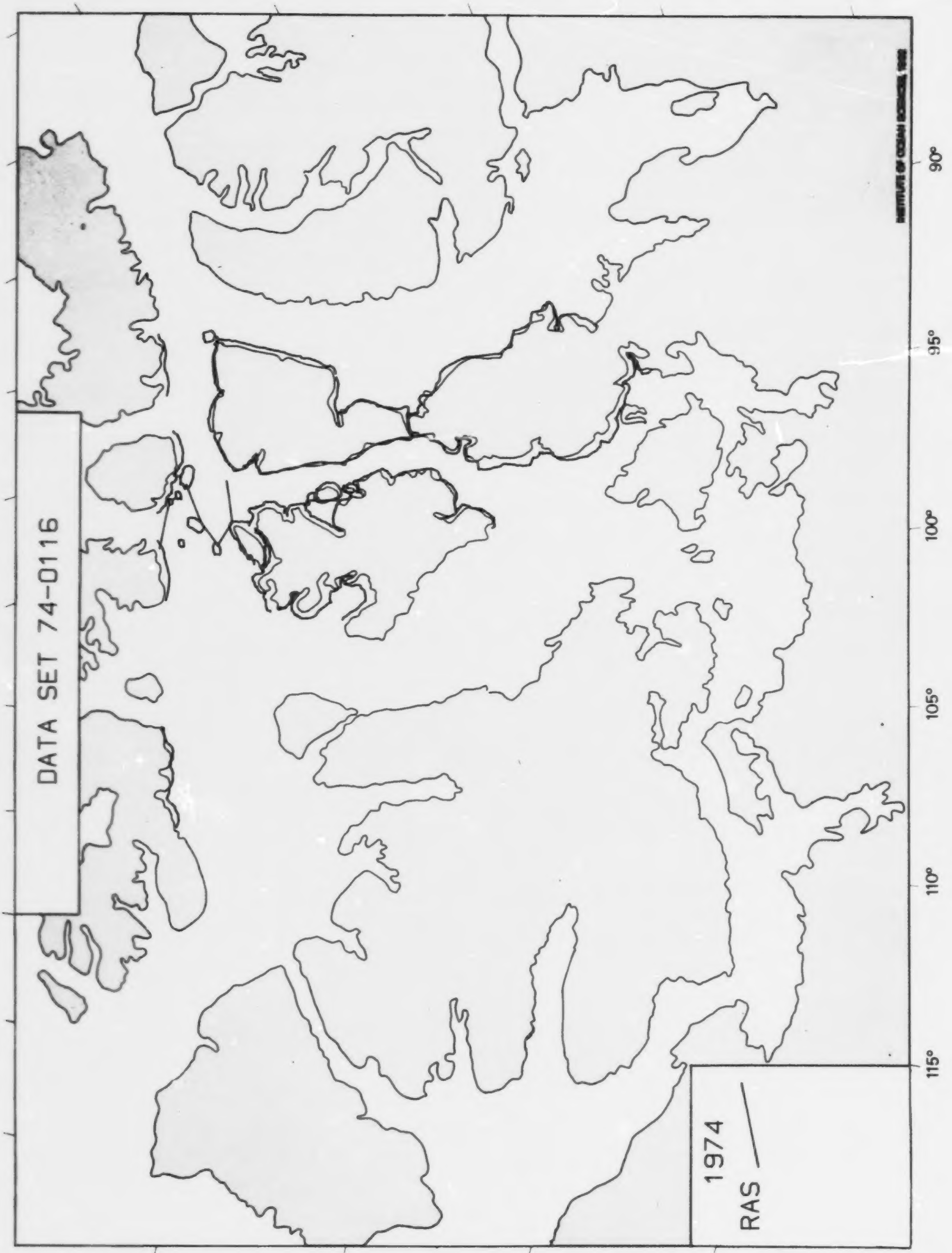
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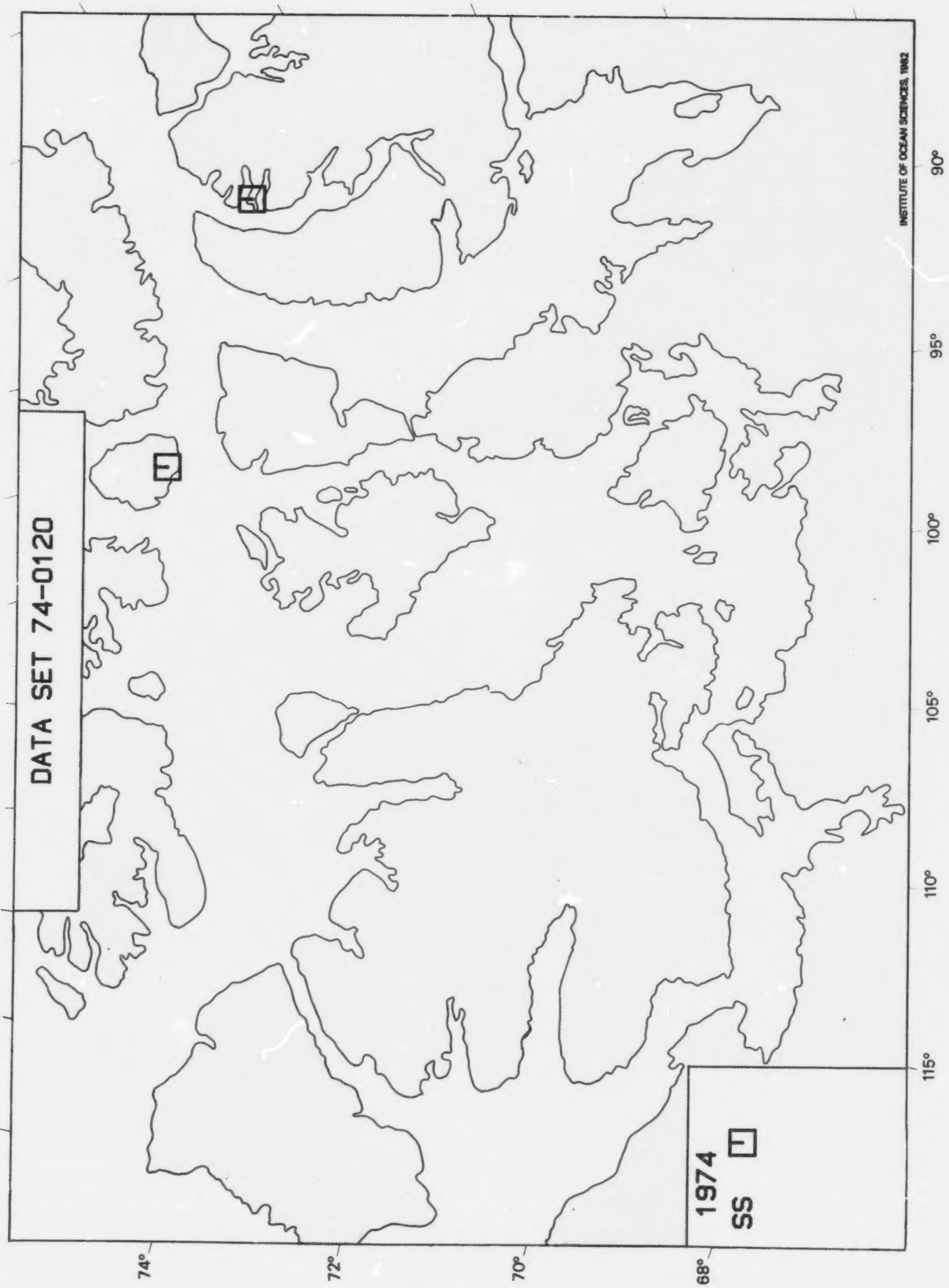
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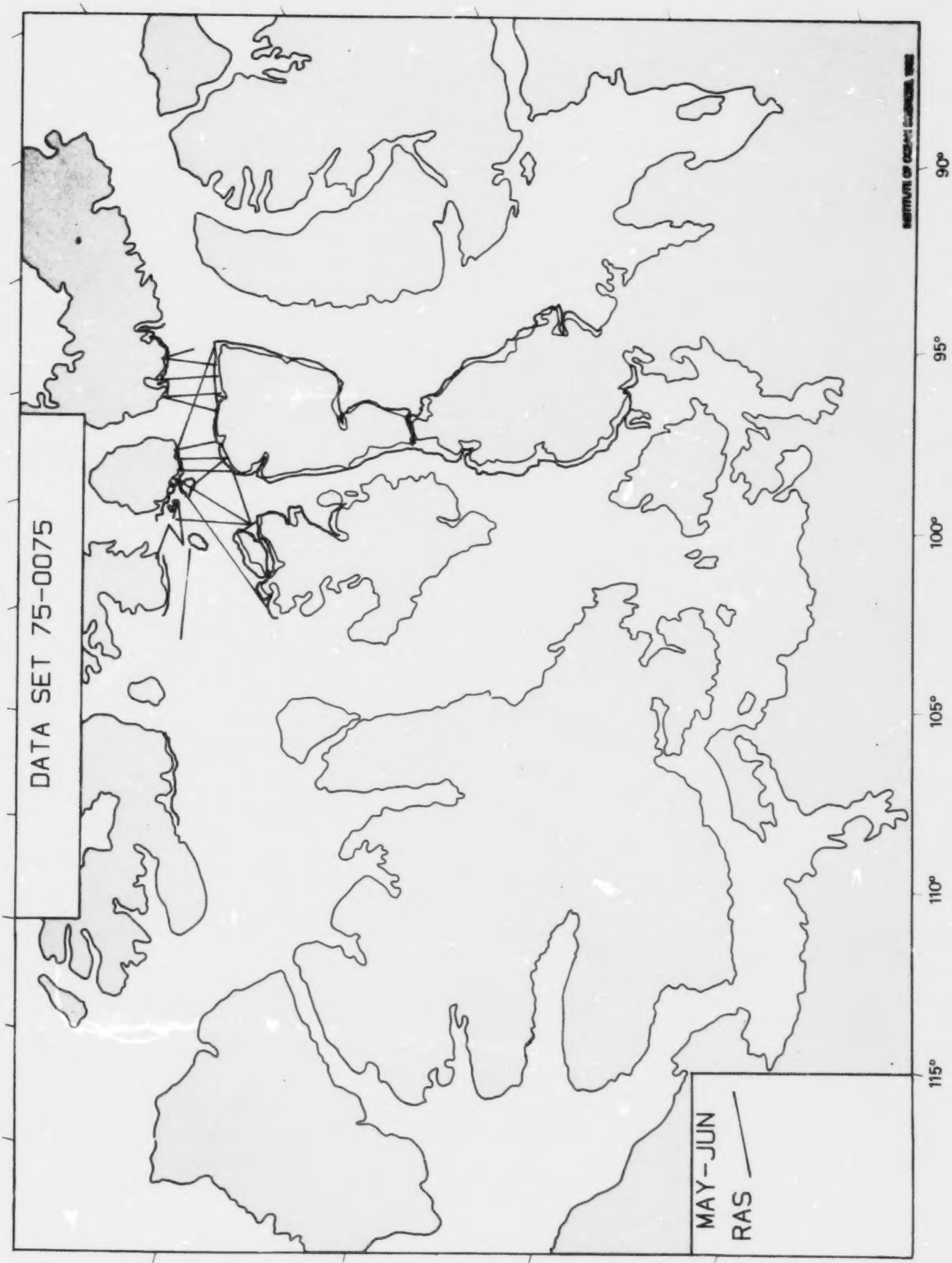
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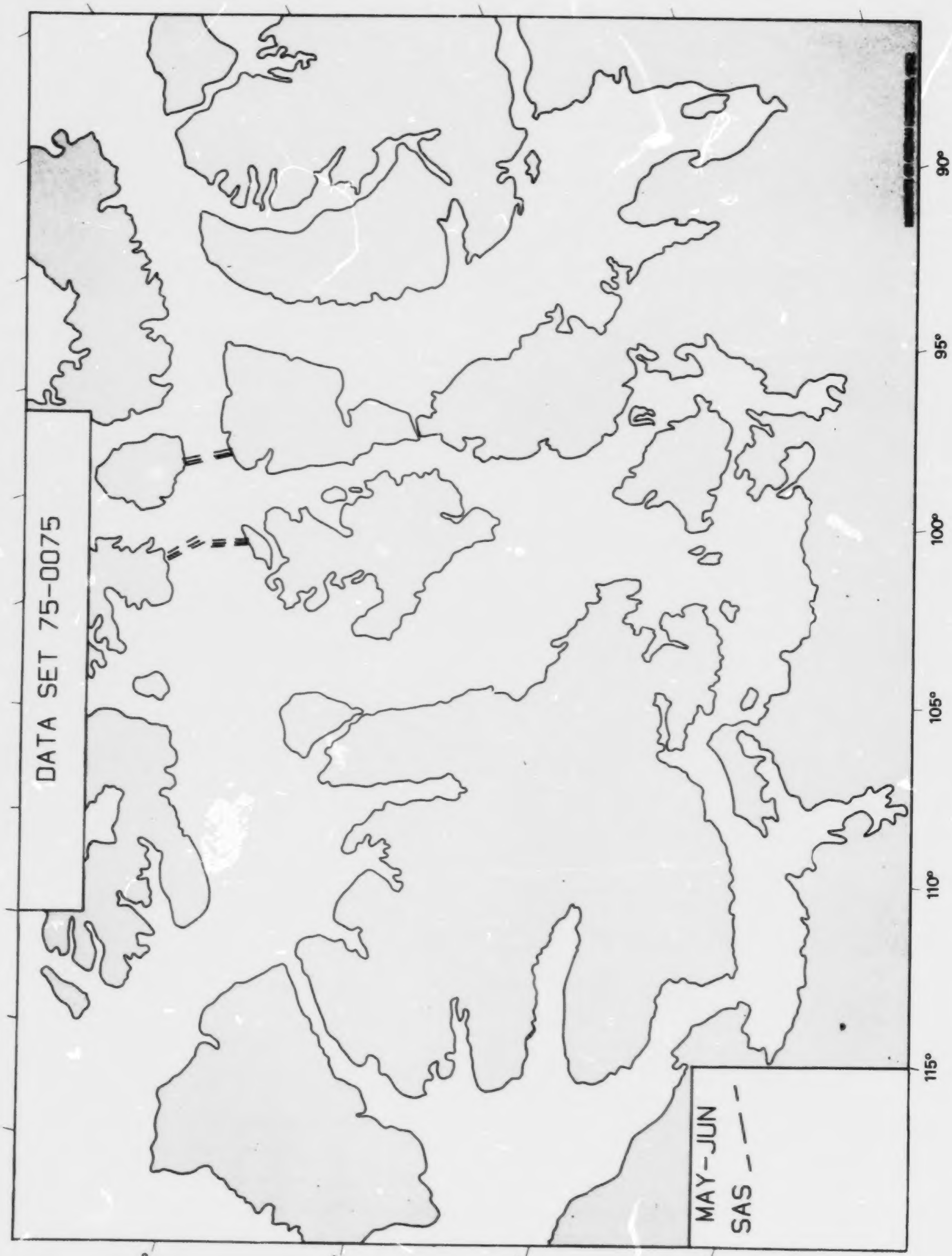
INSTITUTE OF OCEAN SCIENCES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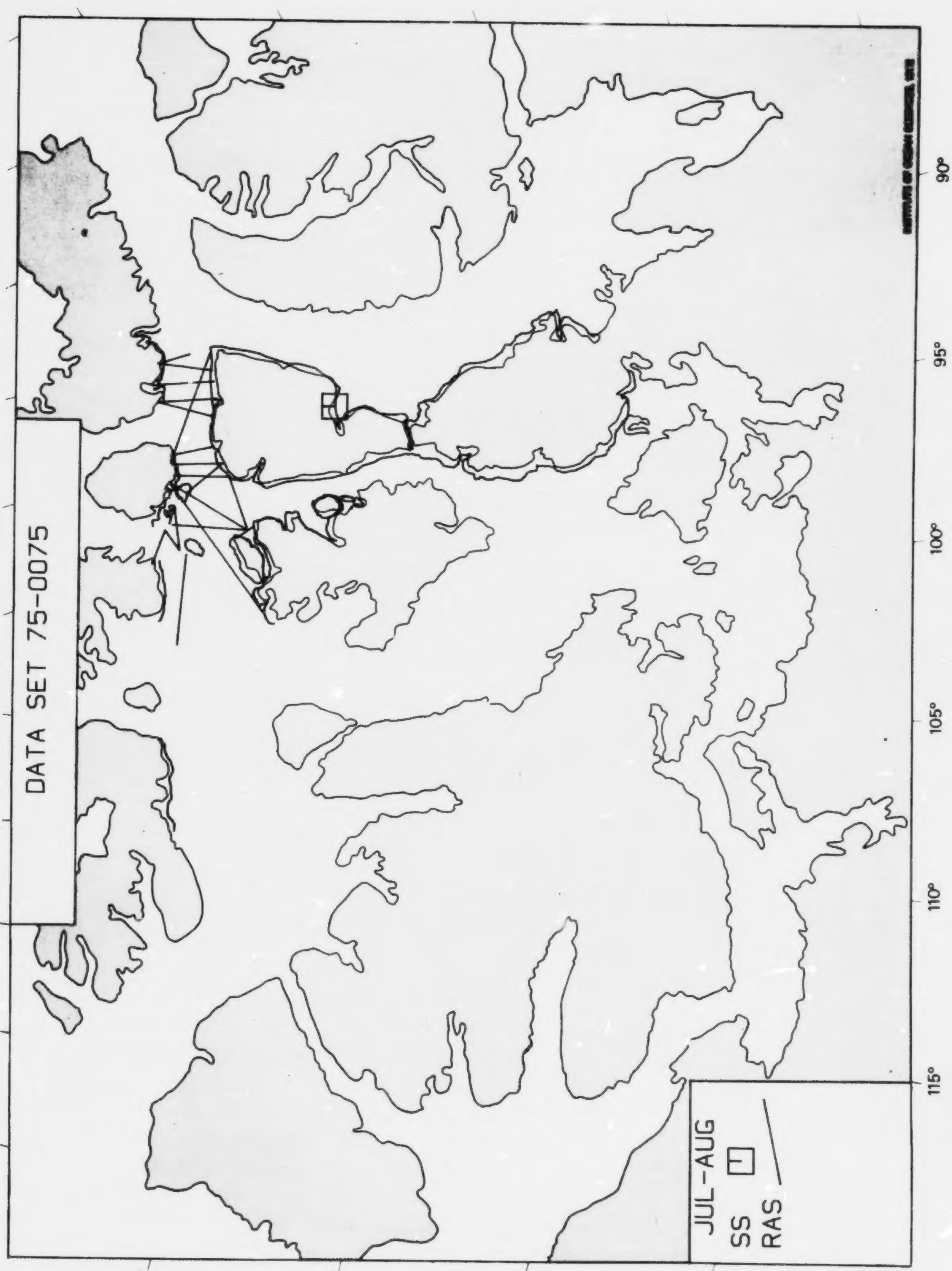
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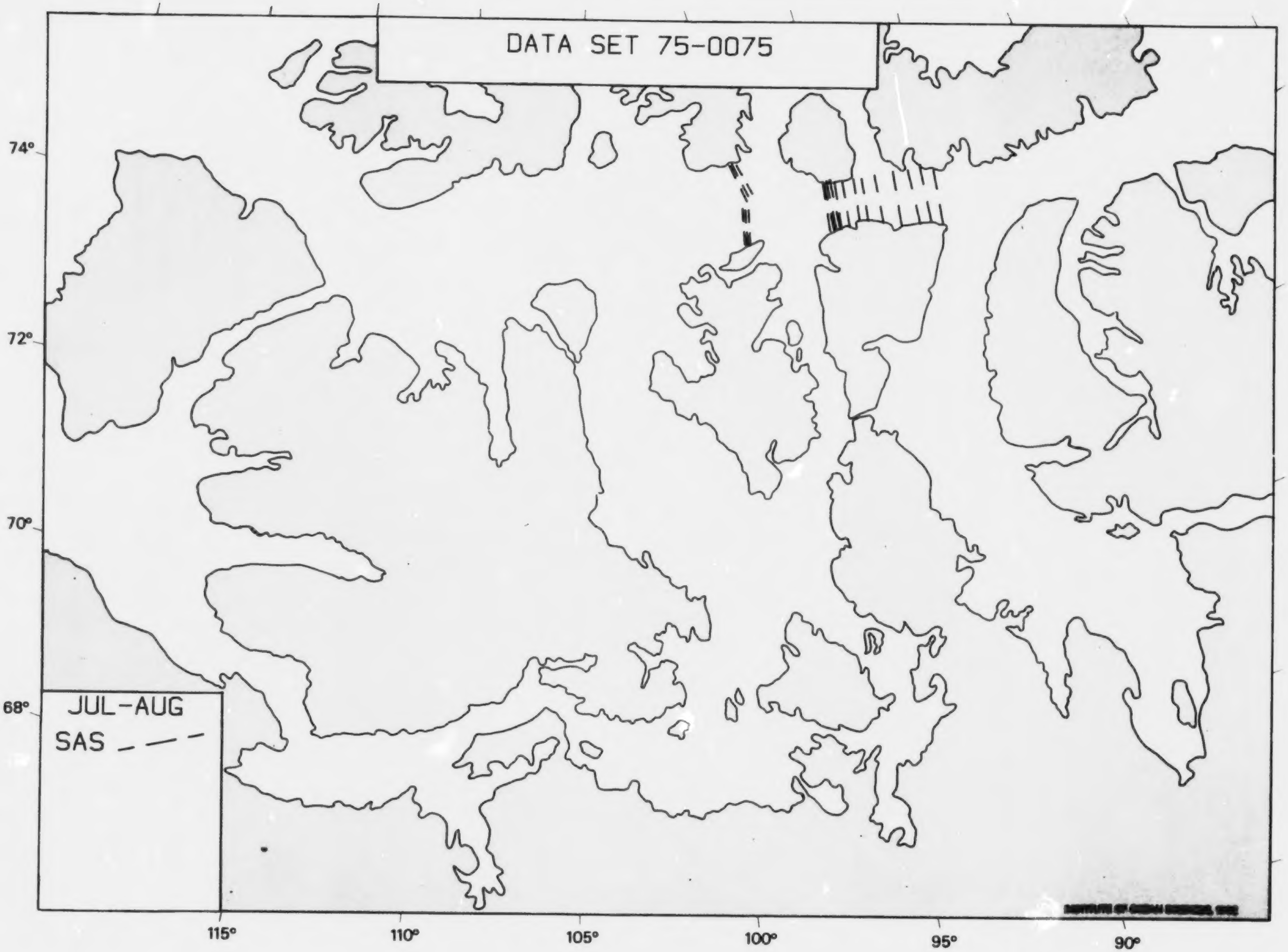
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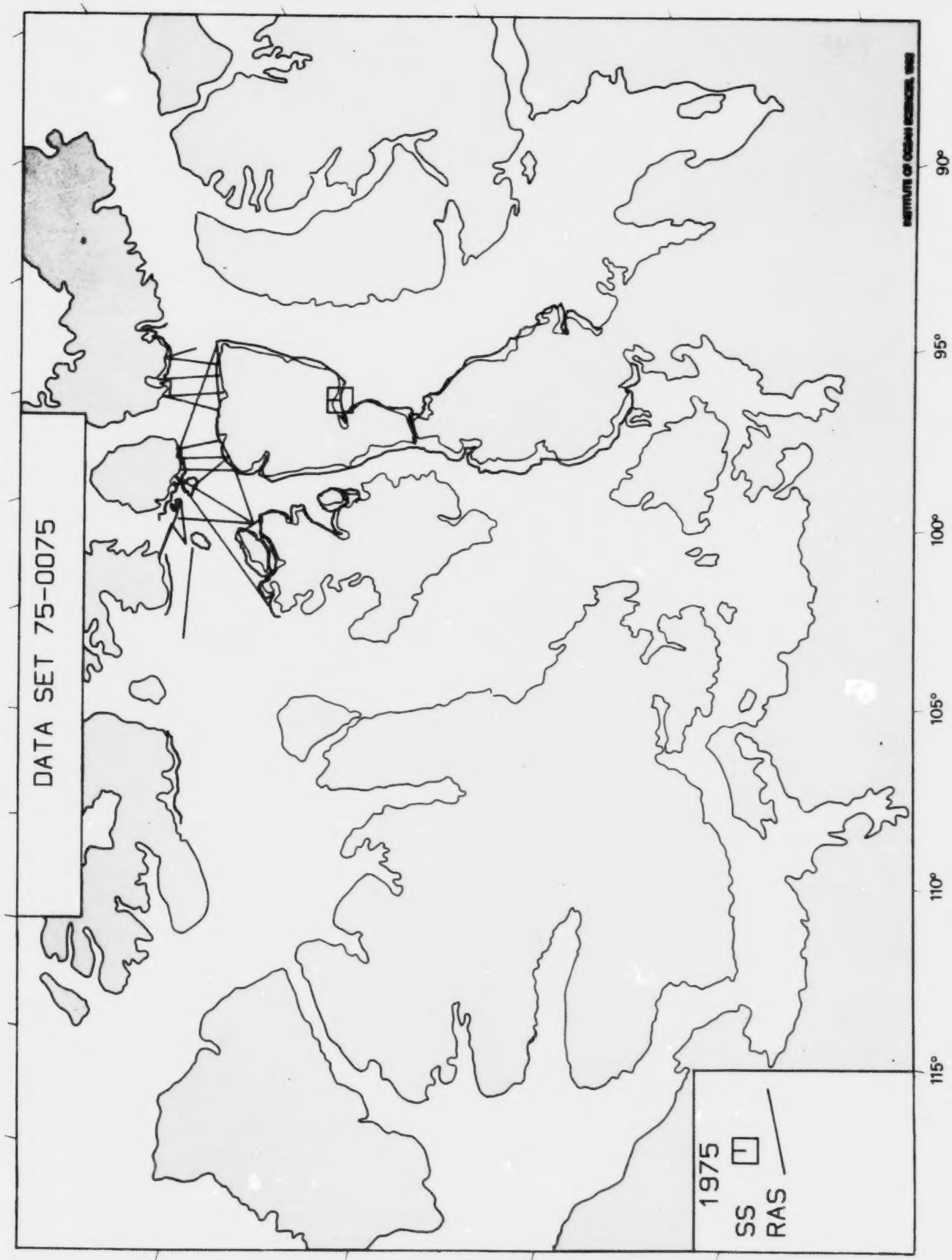
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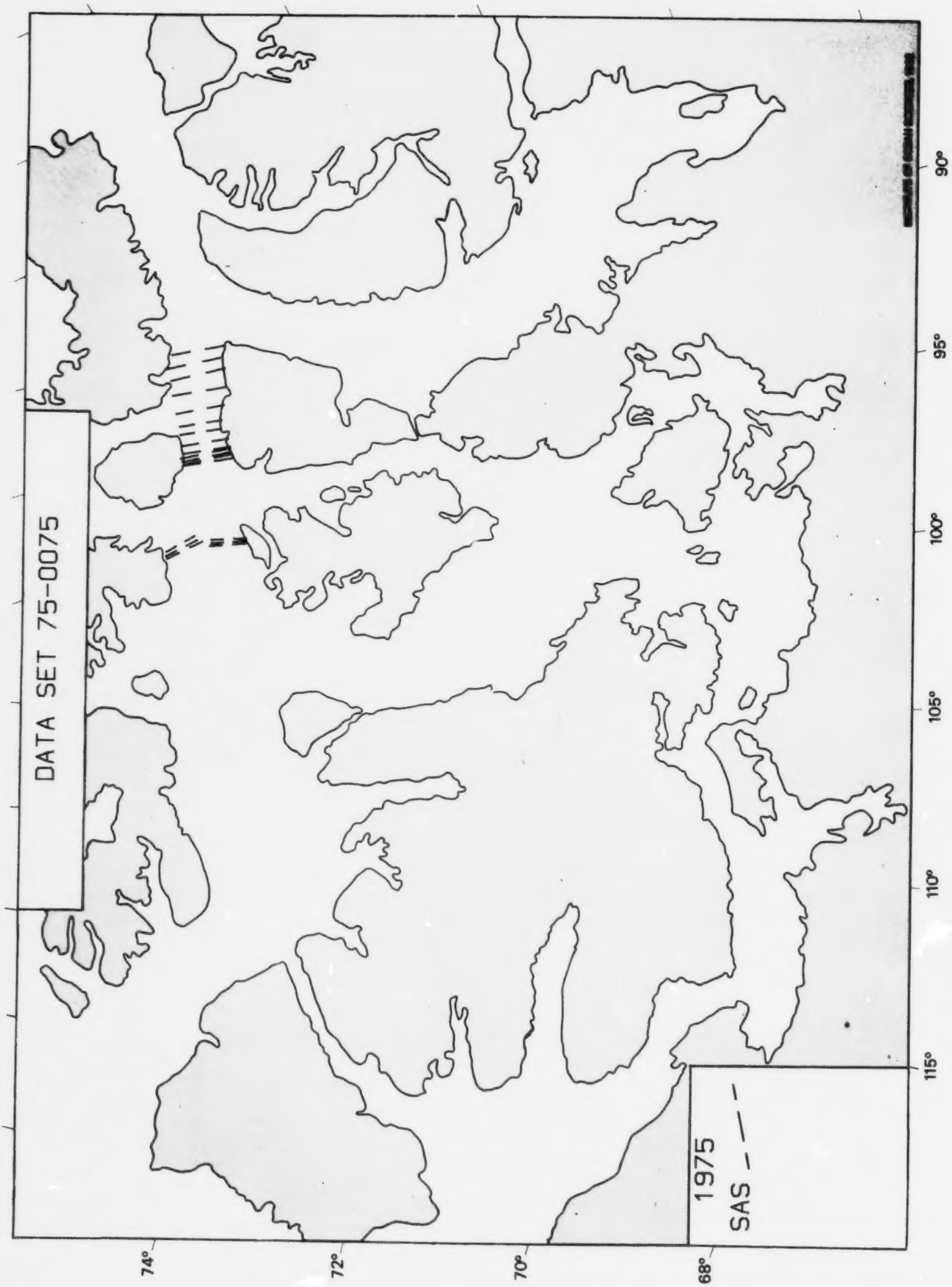
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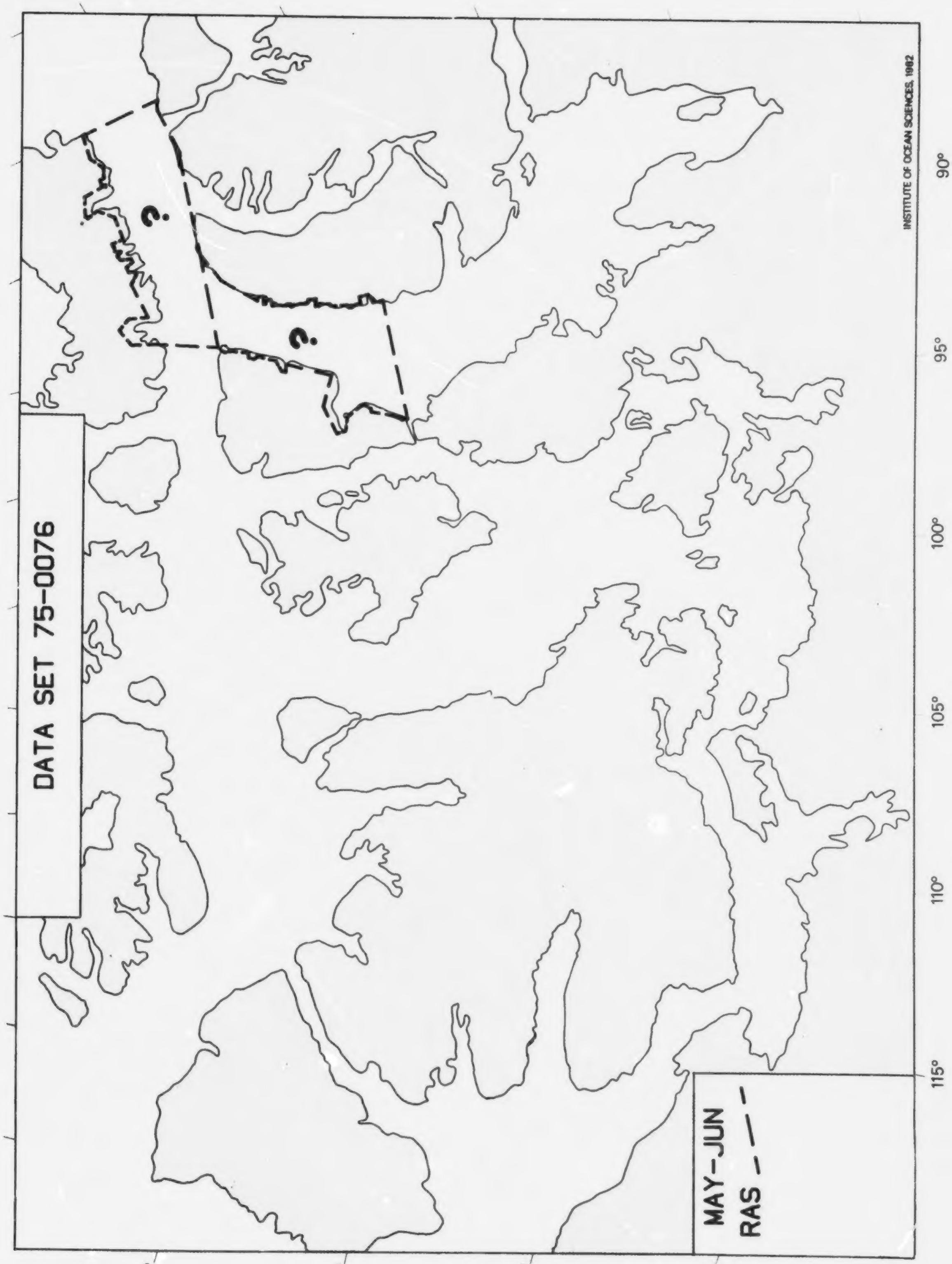
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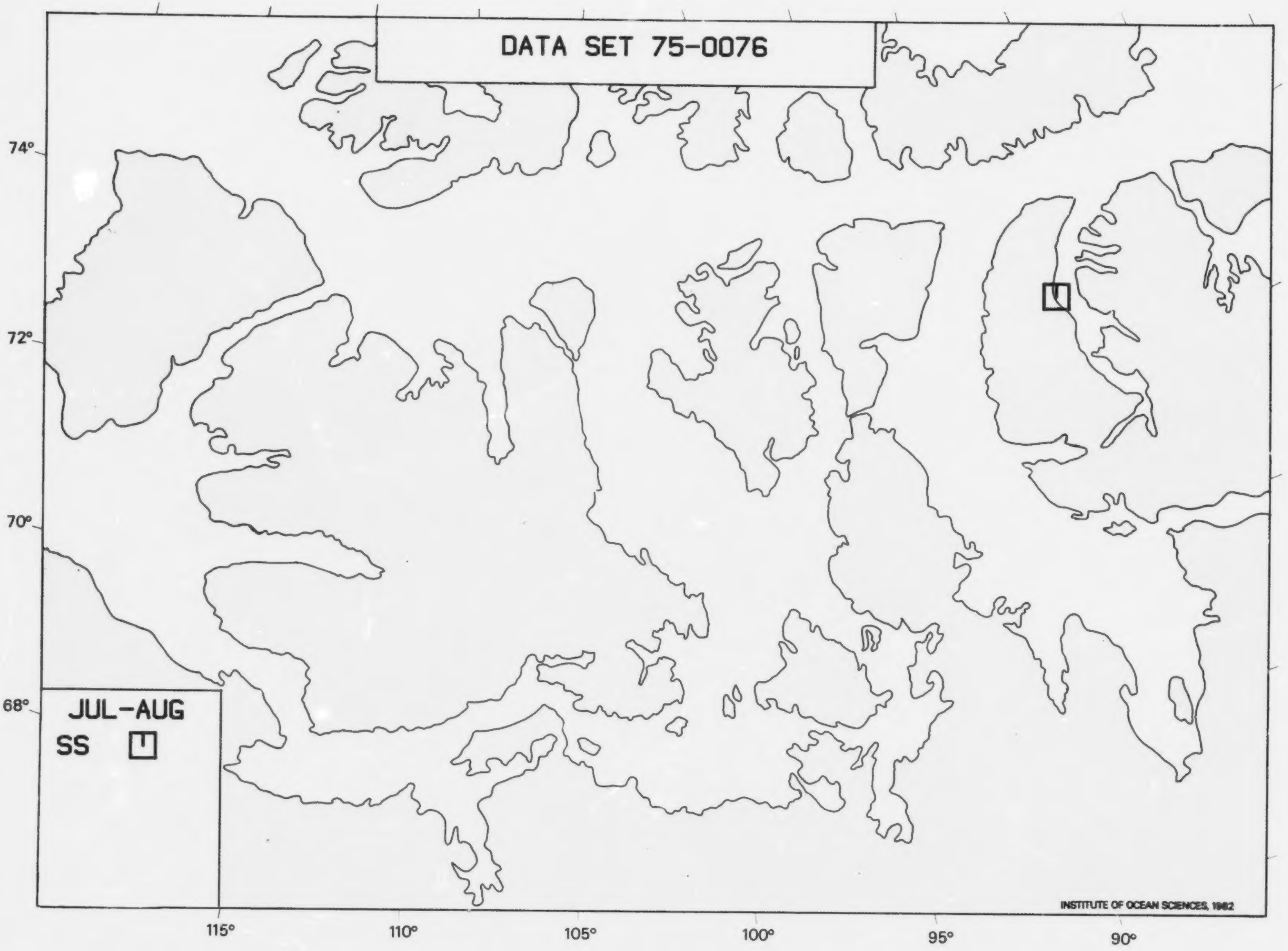
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INSTITUTE OF OCEAN SCIENCES, 1982
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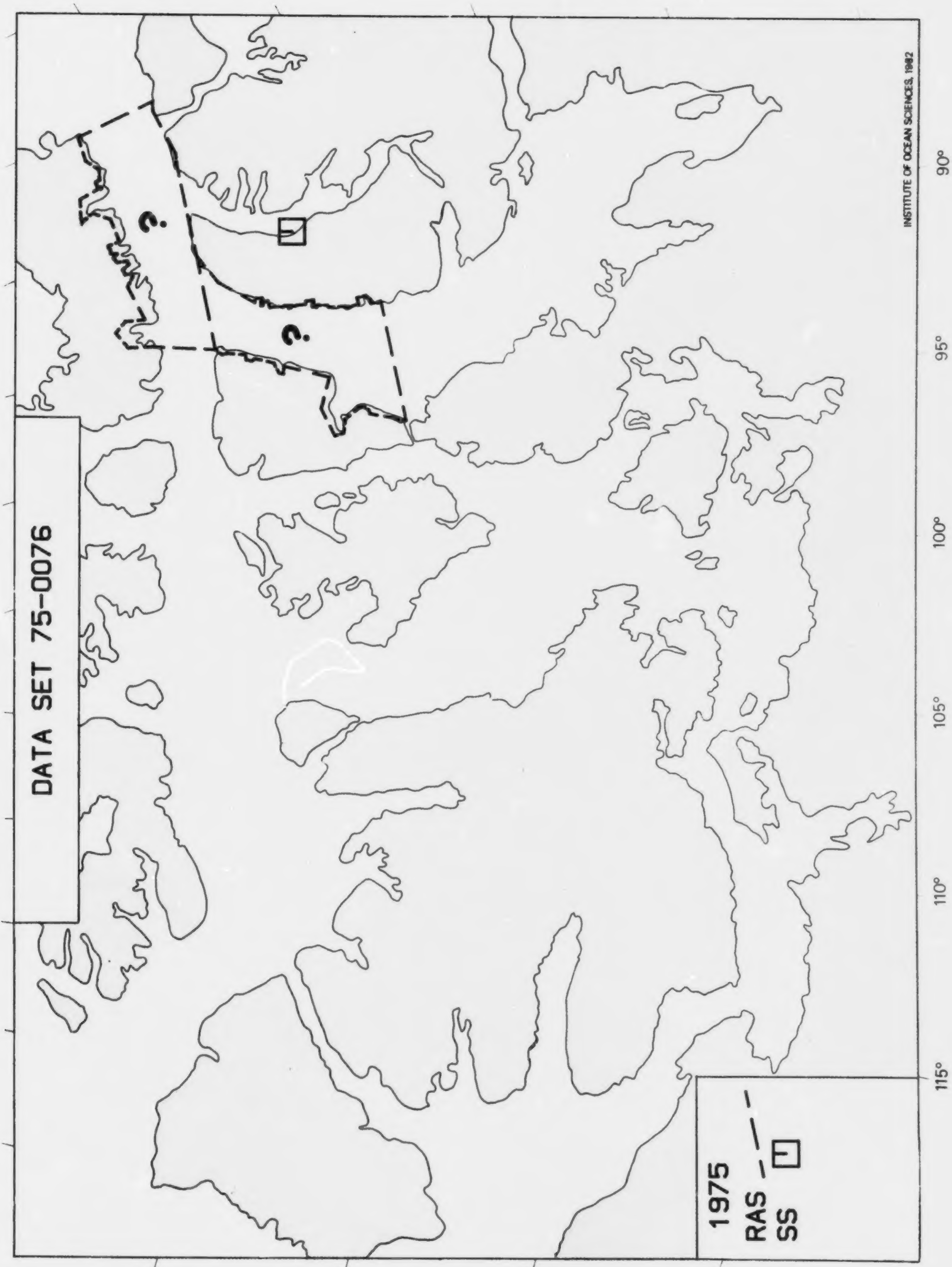
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1975
RAS - - -
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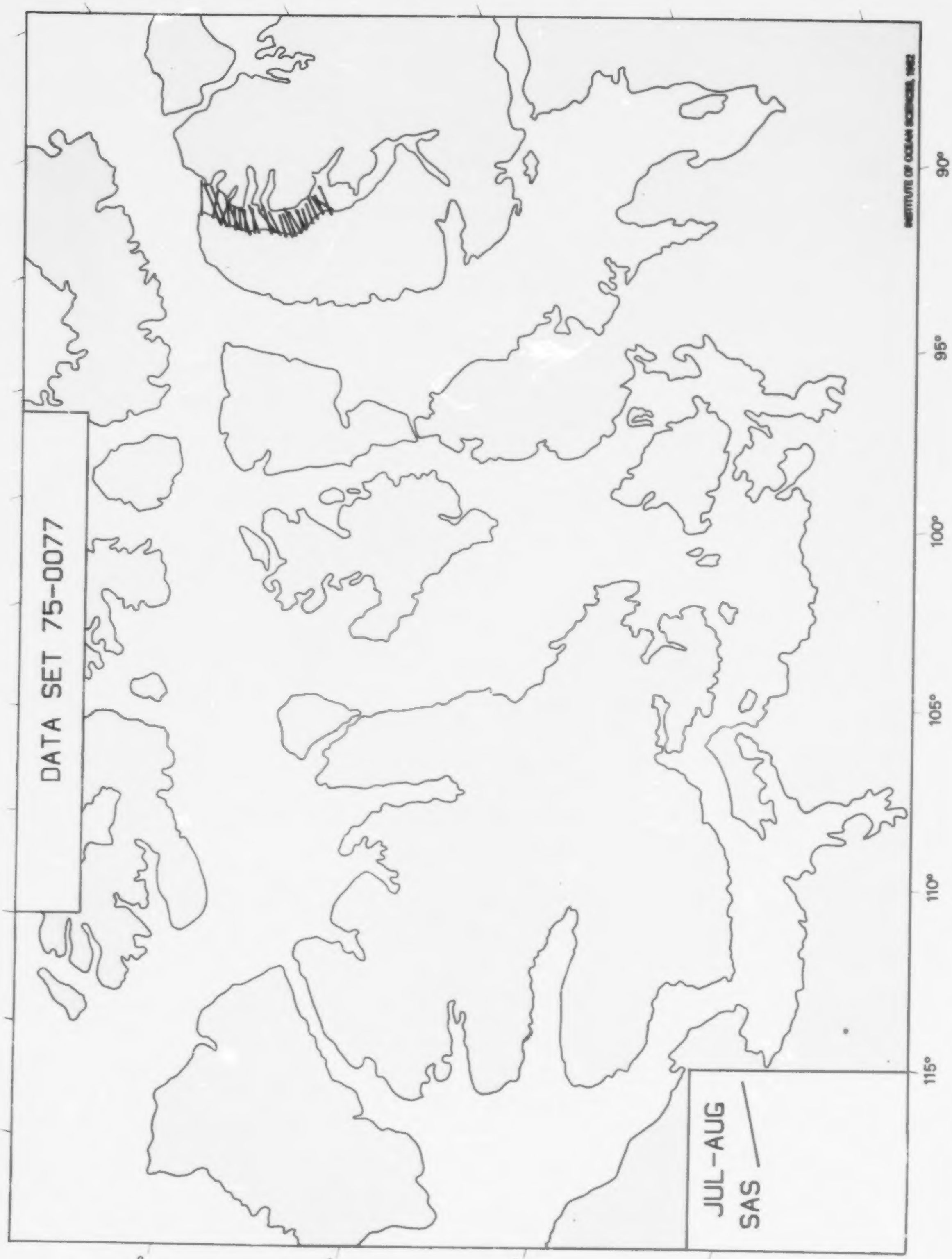
INSTITUTE OF OCEAN SCIENCES, 1982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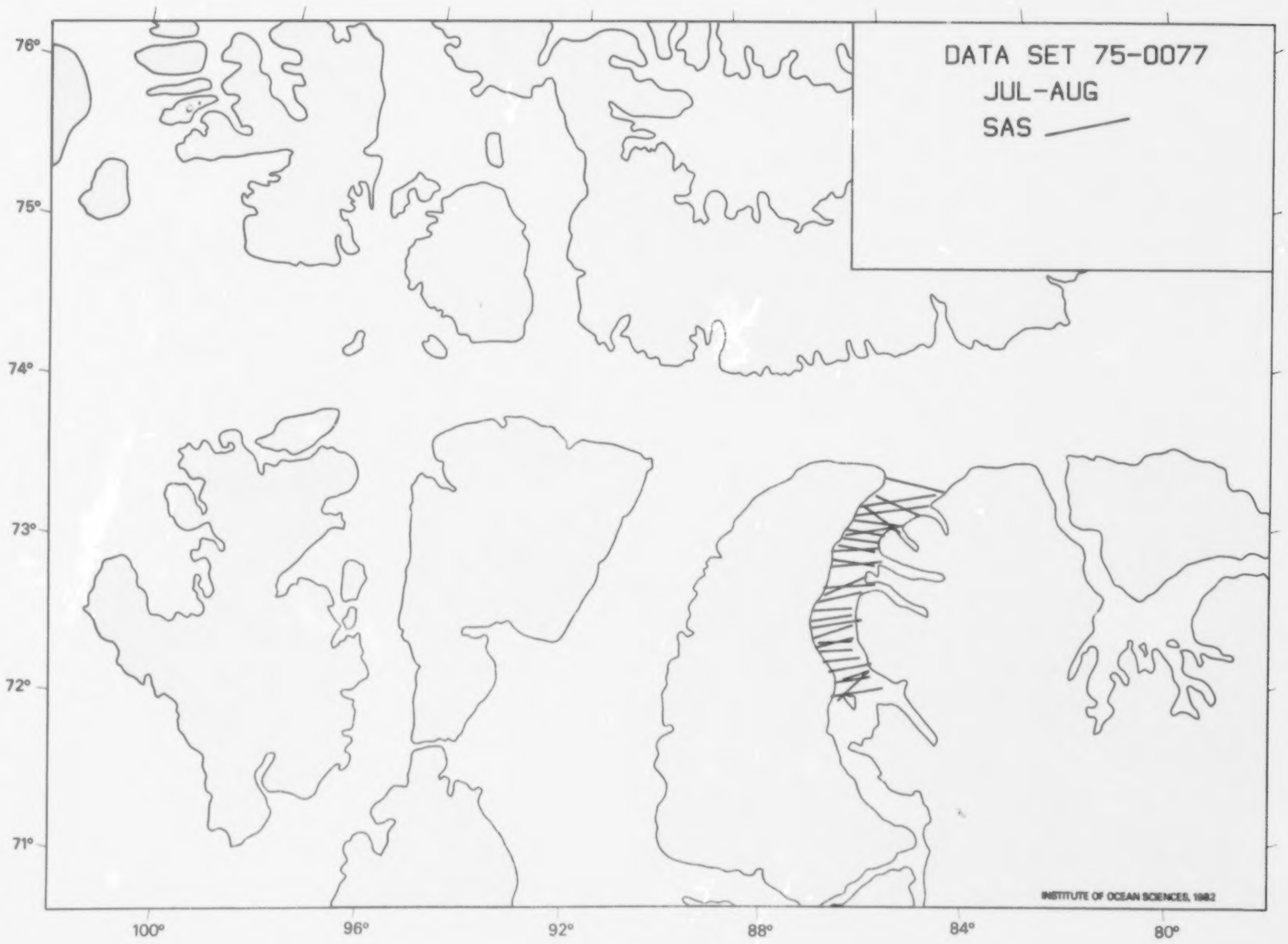
INSTITUTE OF OCEAN SCIENCES, 1982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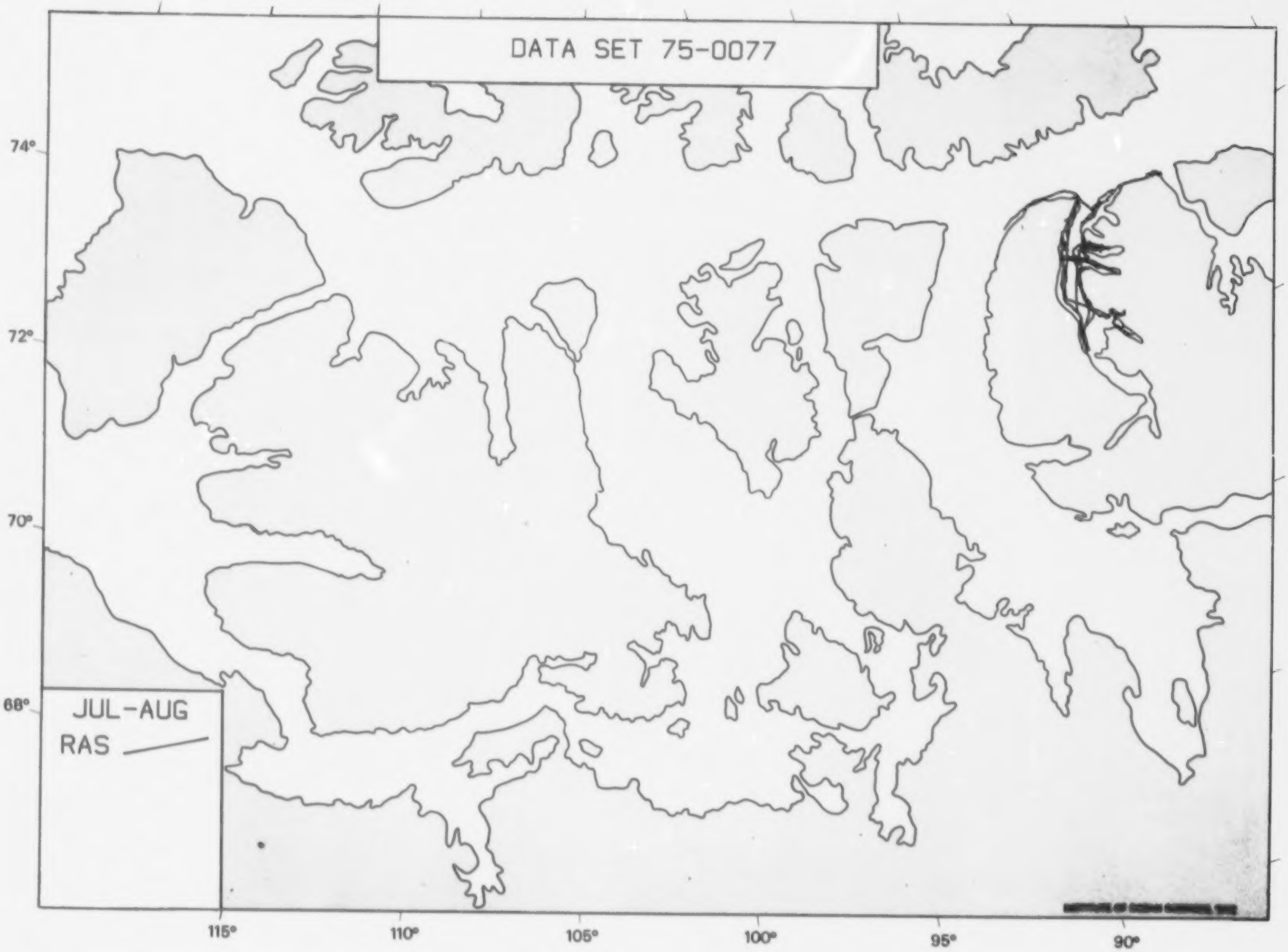
INSTITUTE OF OCEAN SCIENCES, 1982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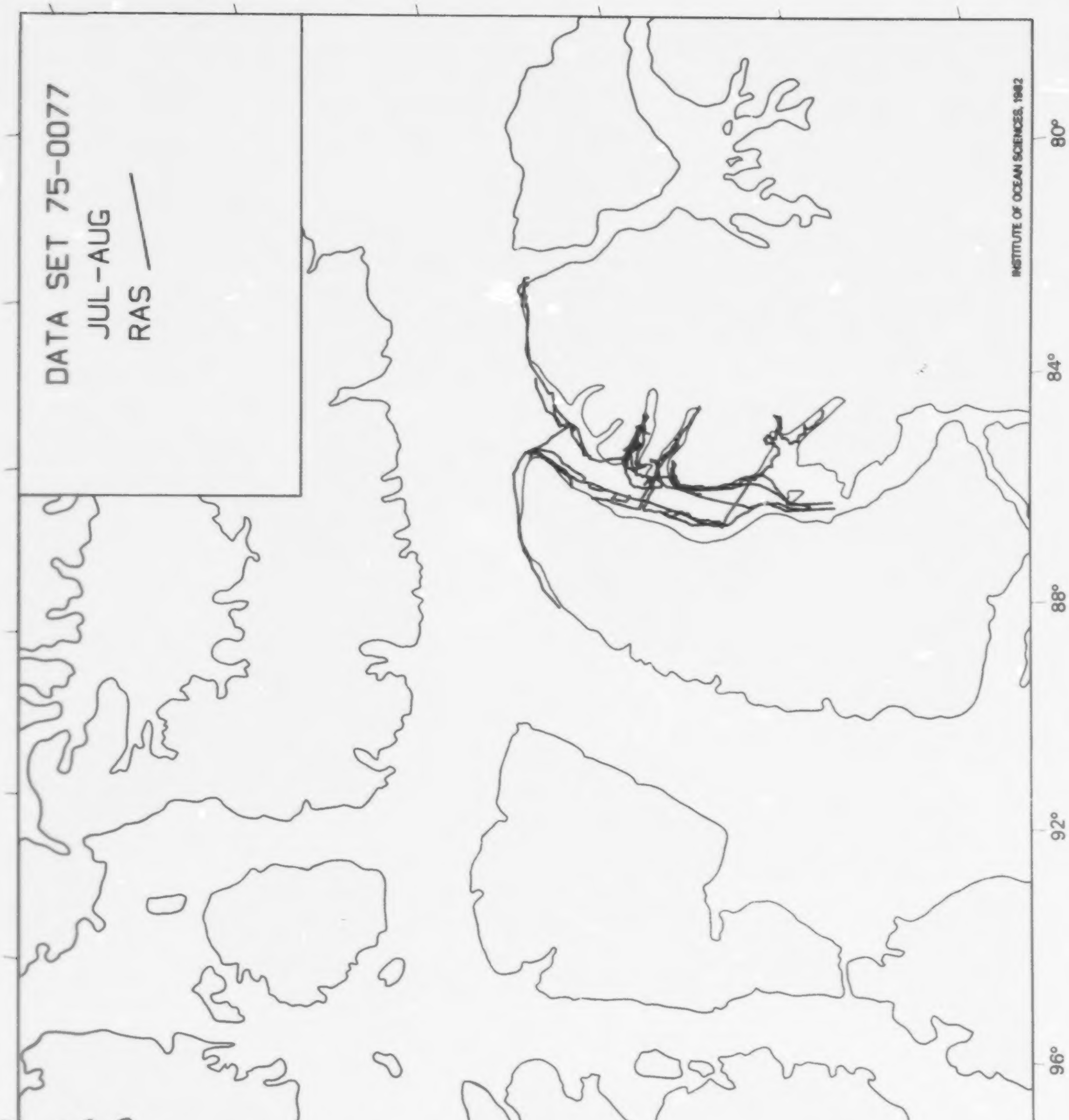
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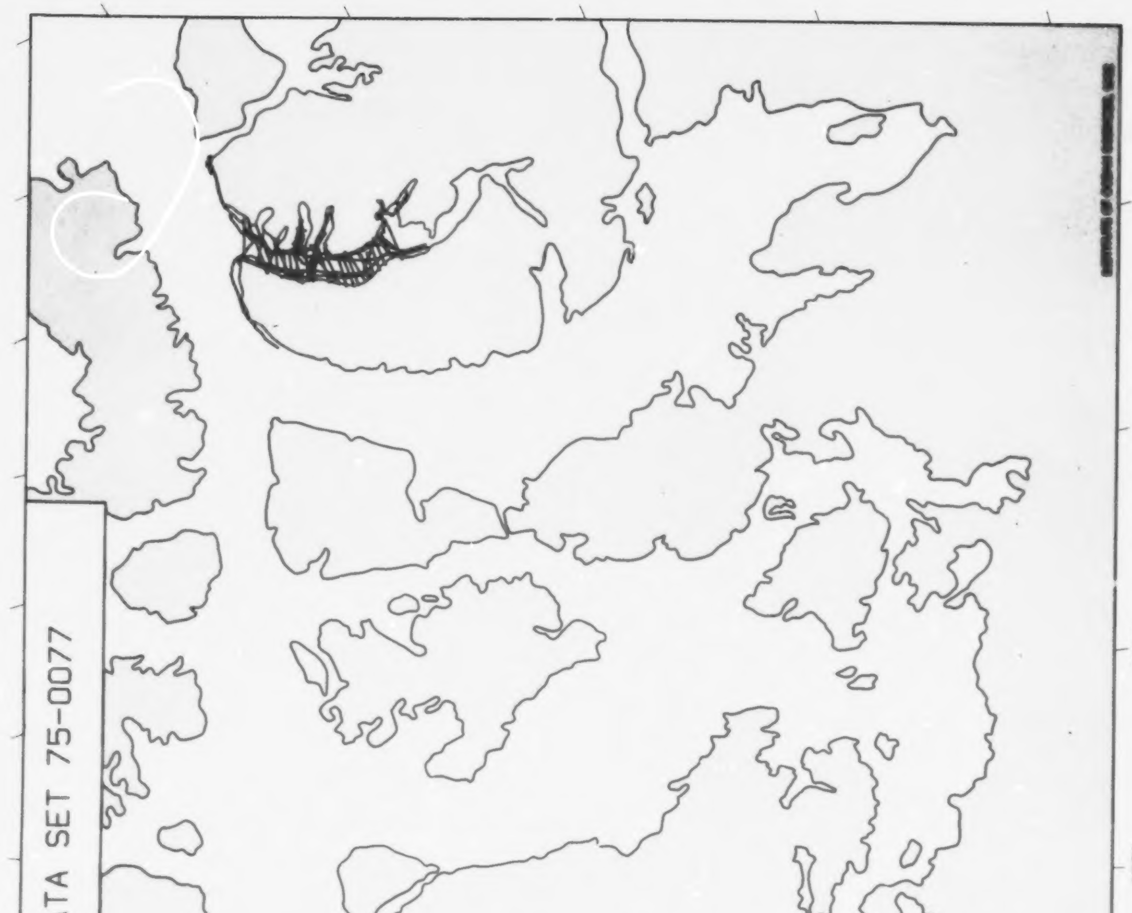
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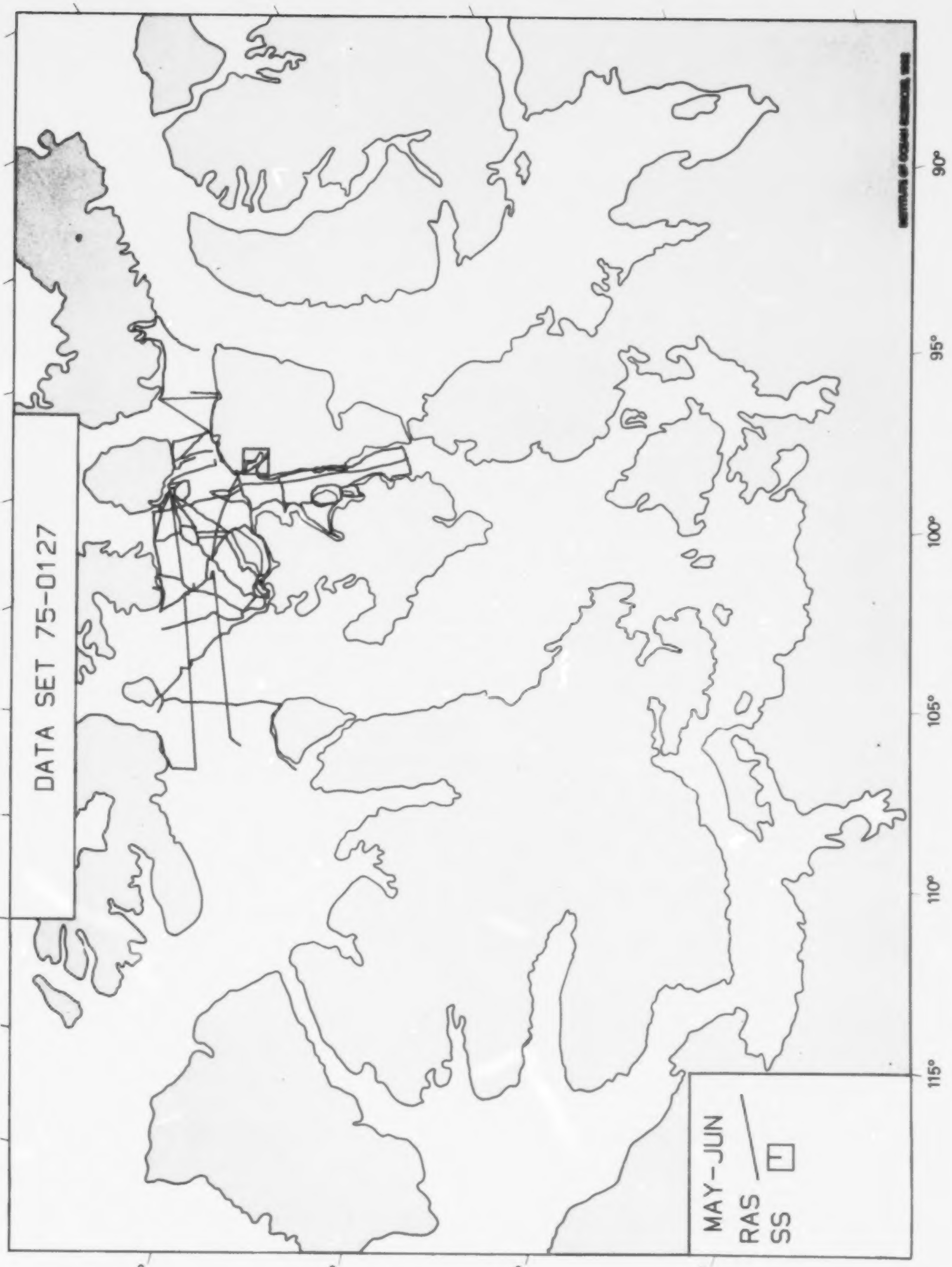
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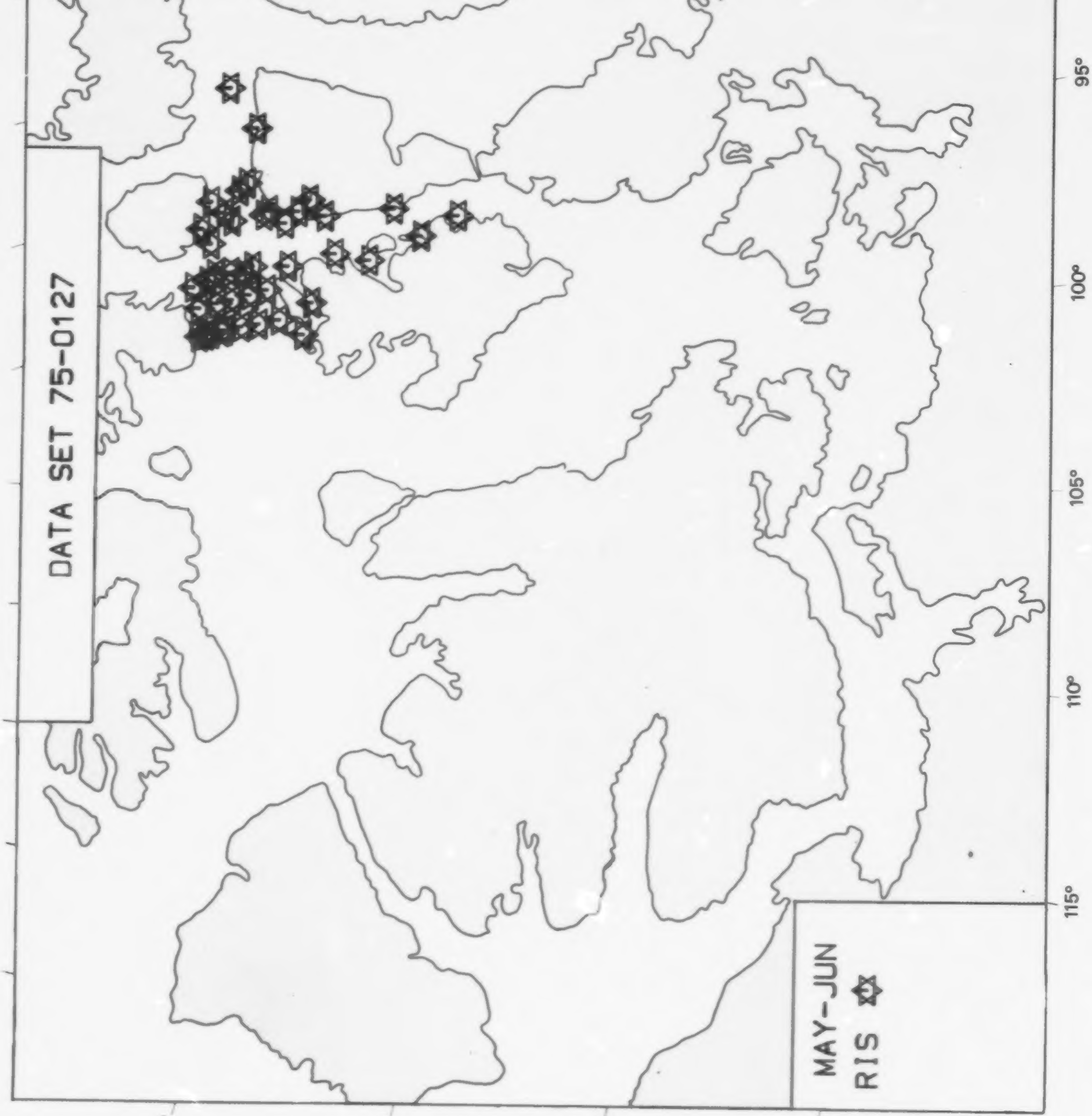
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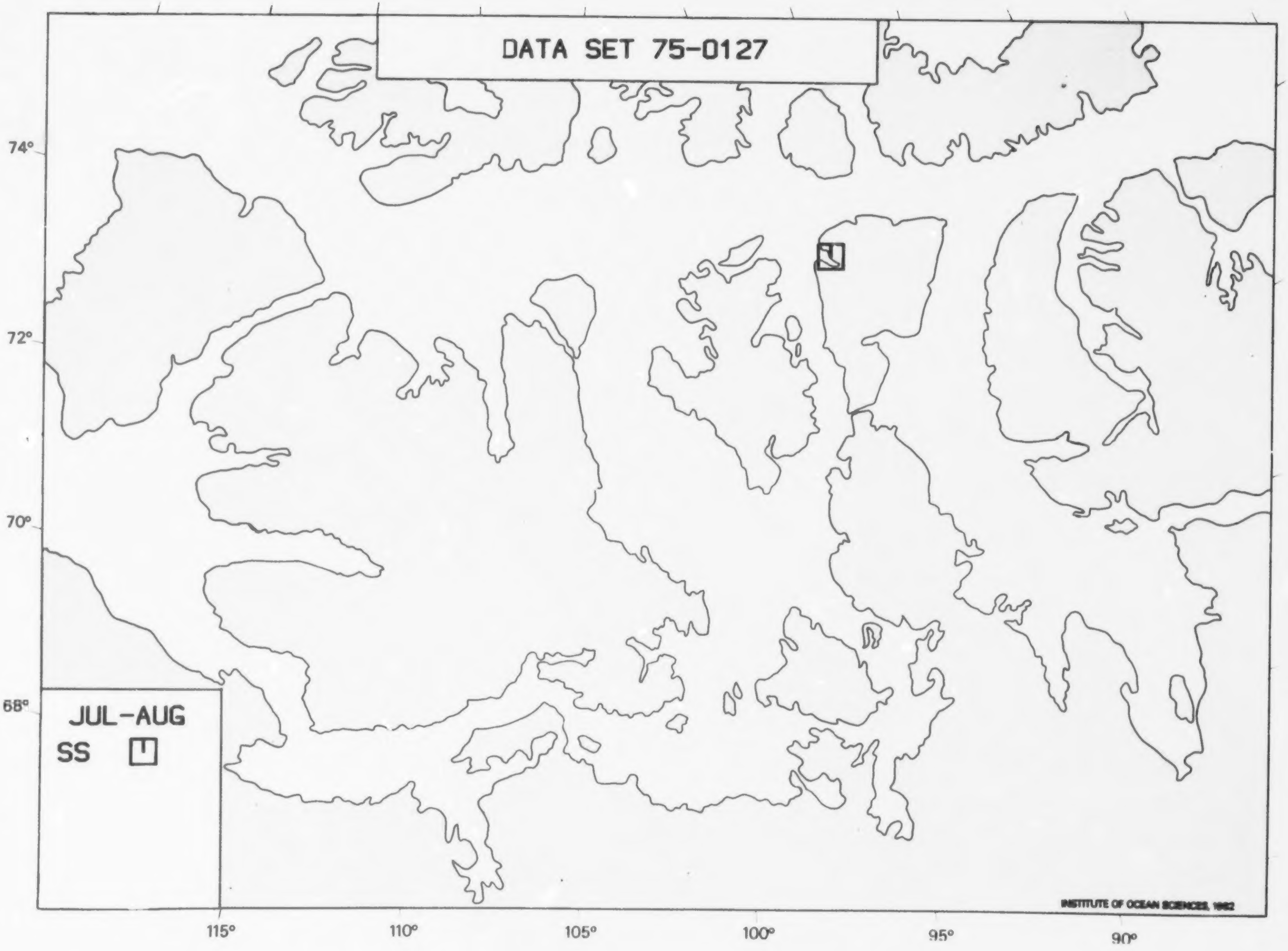
INSTITUTE OF OCEAN SCIENCES, 1982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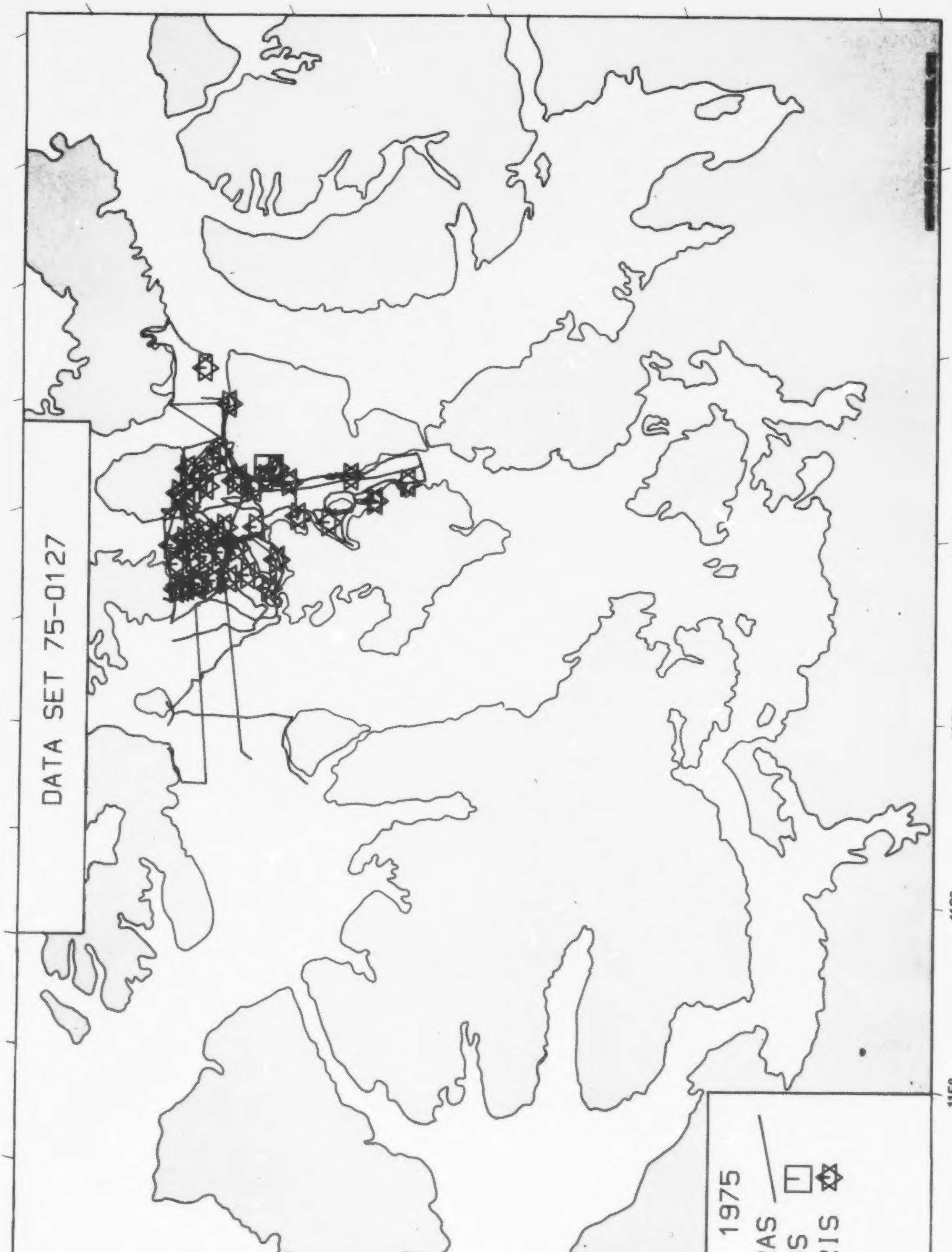
DATA SET 75-0127
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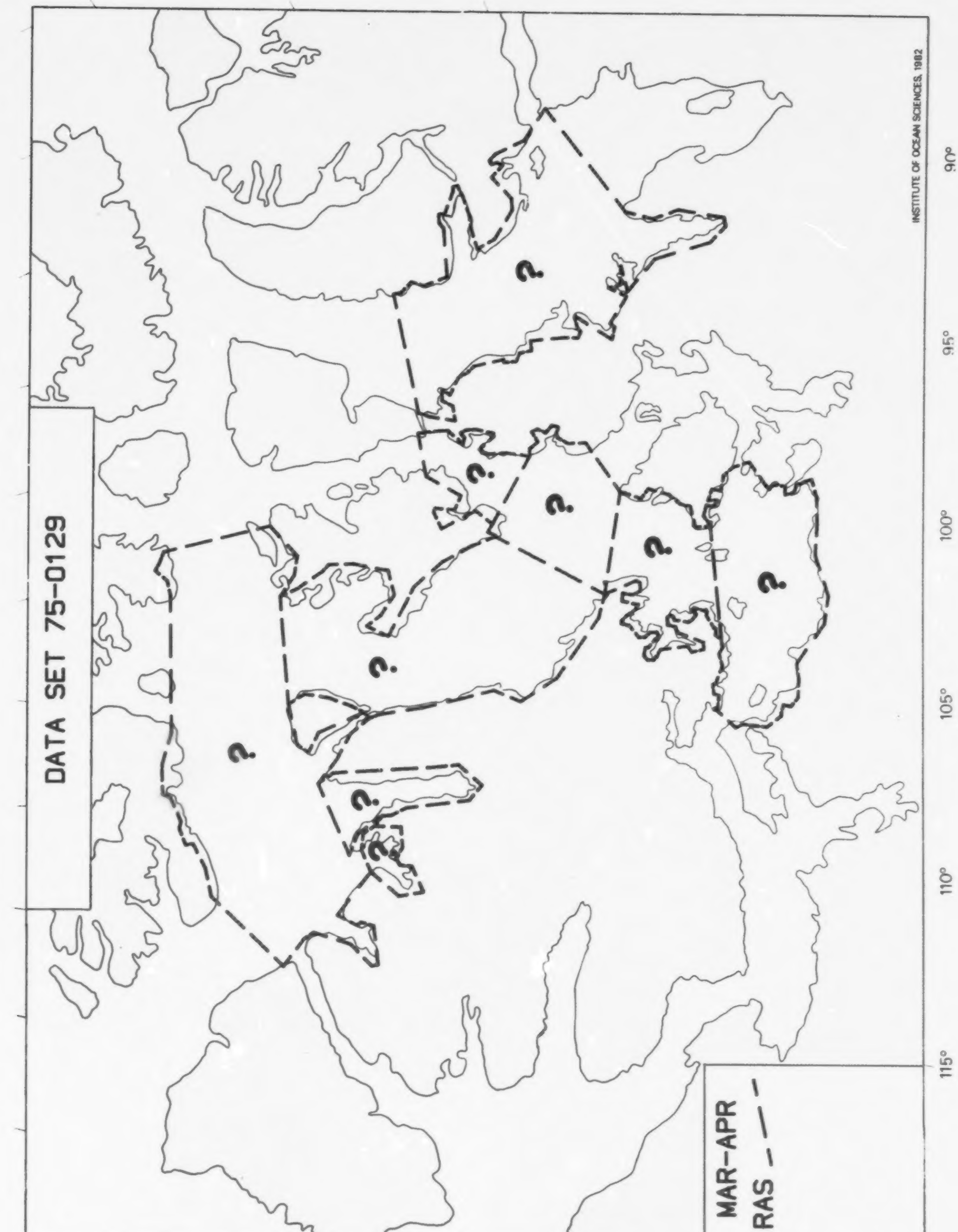
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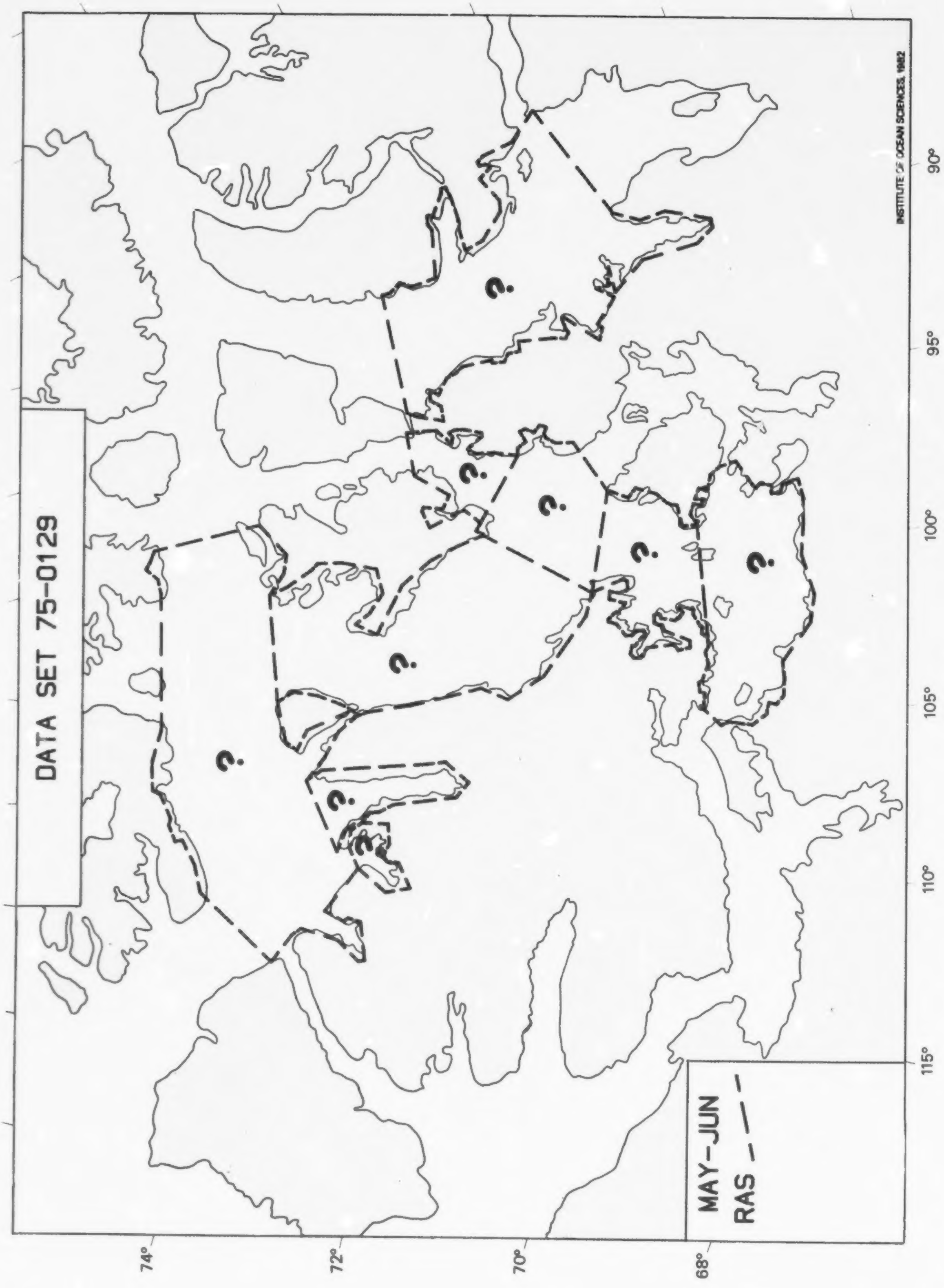
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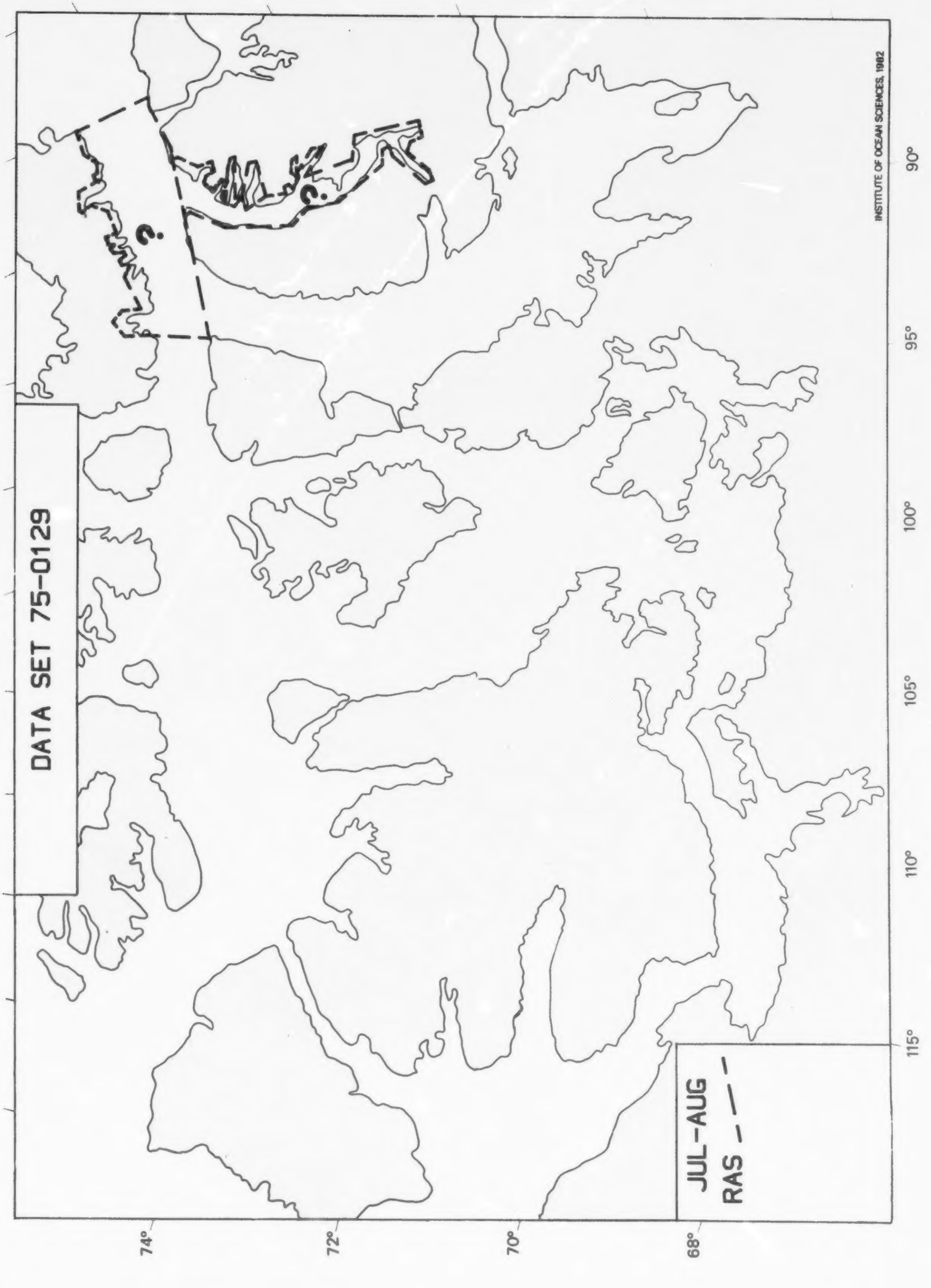
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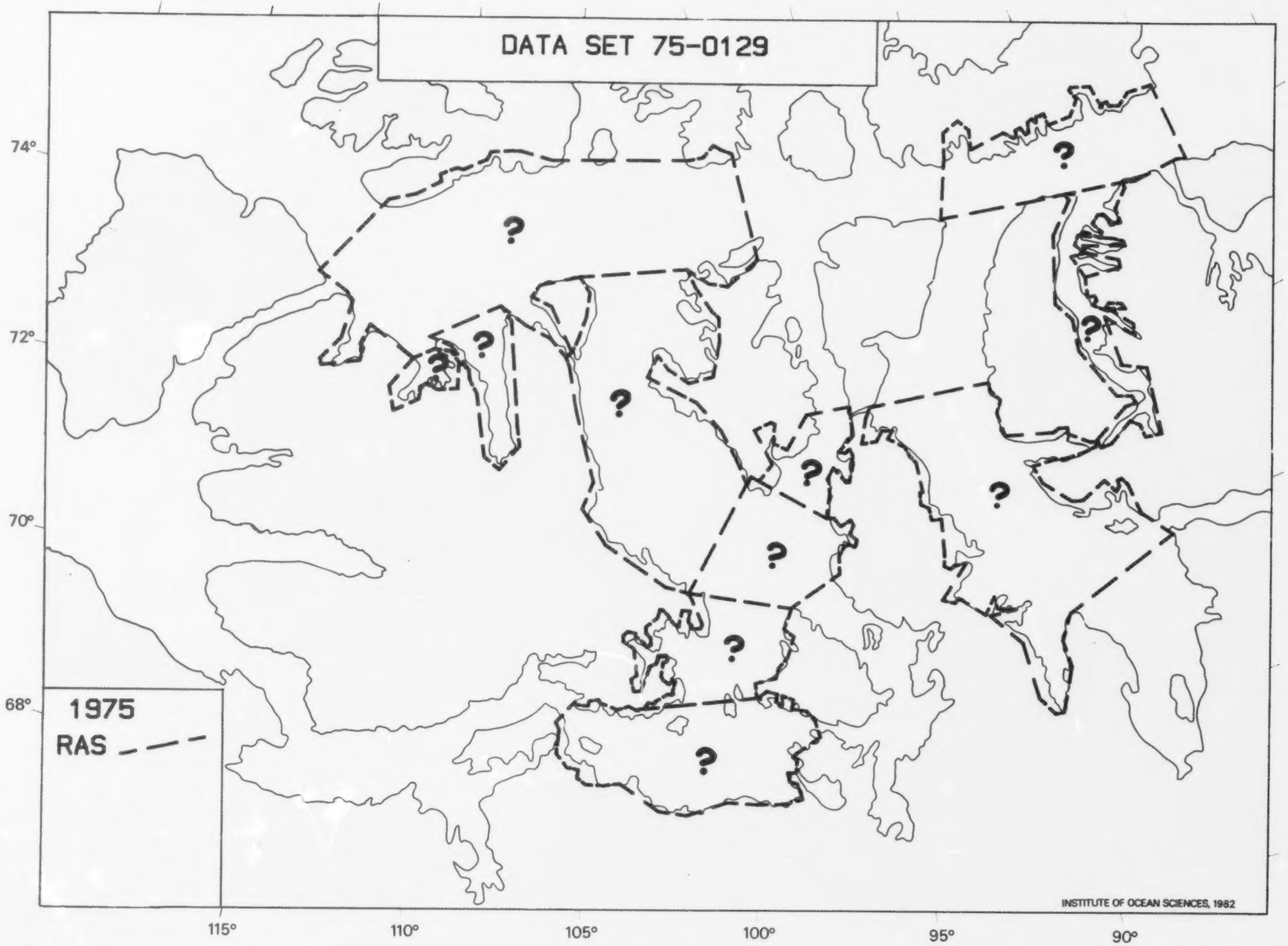
INSTITUTE OF OCEAN SCIENCES, 1982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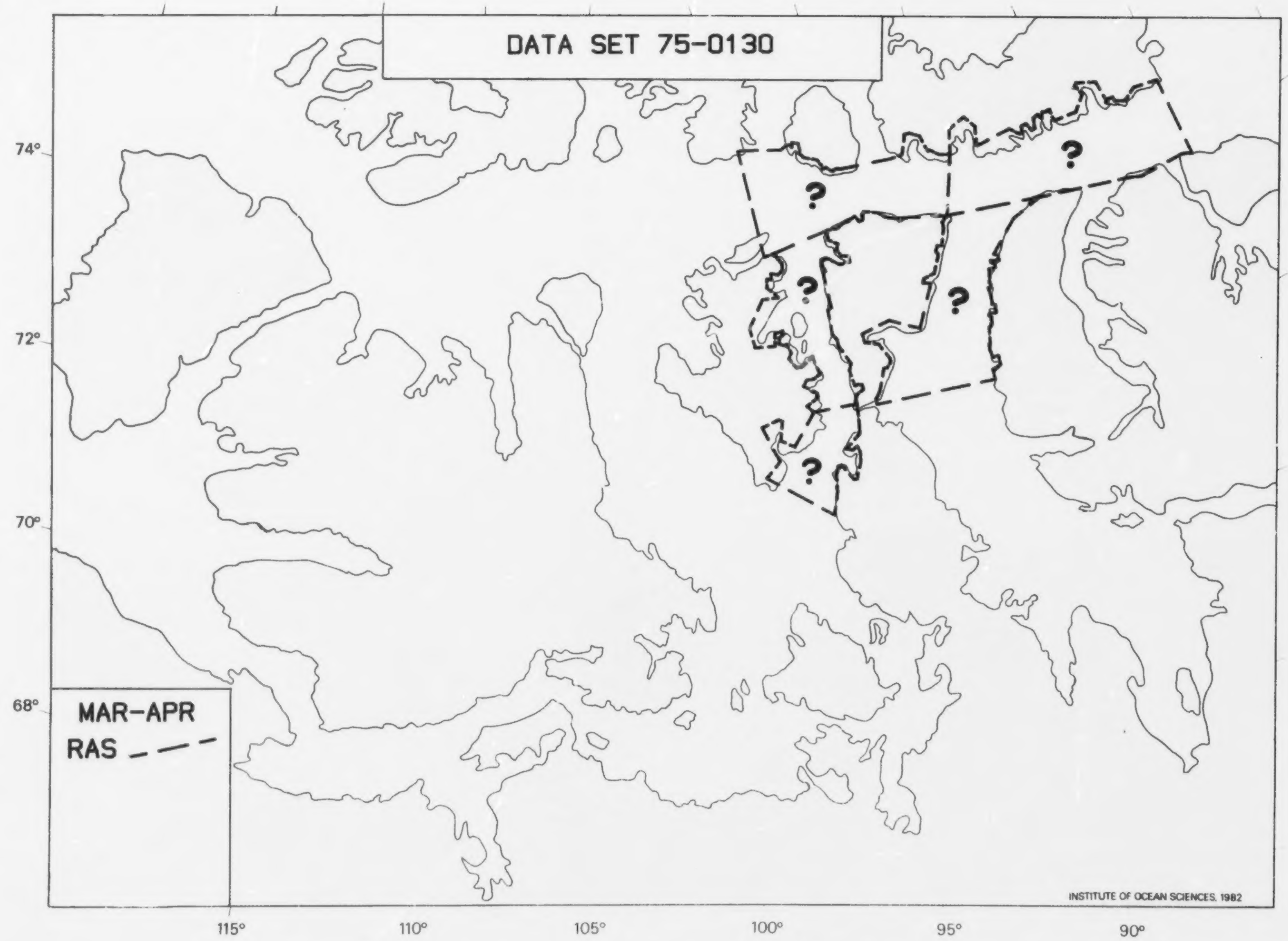
INSTITUTE OF OCEAN SCIENCES, 1982



DATA SET 75-0130

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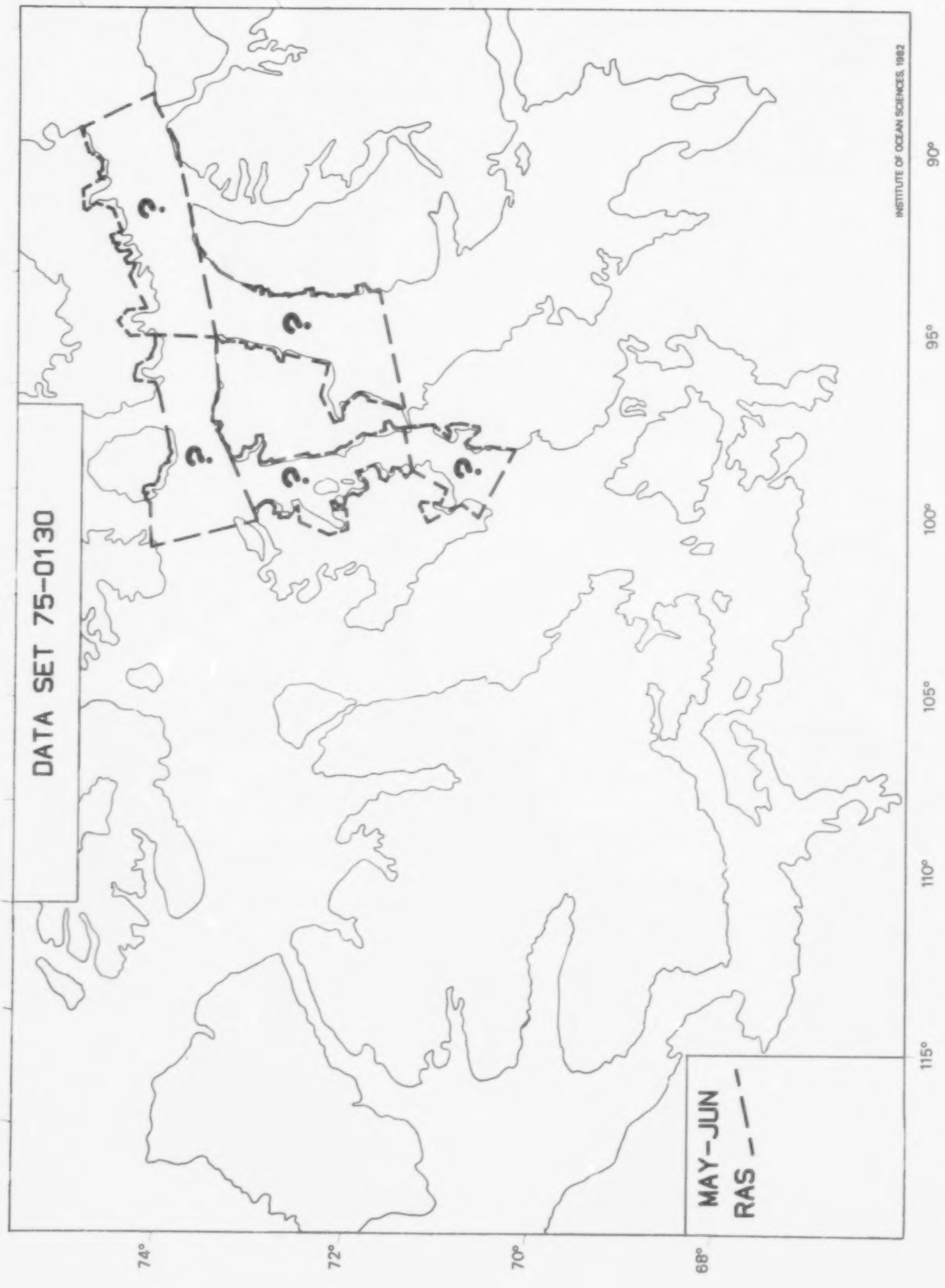
INSTITUTE OF OCEAN SCIENCES, 1982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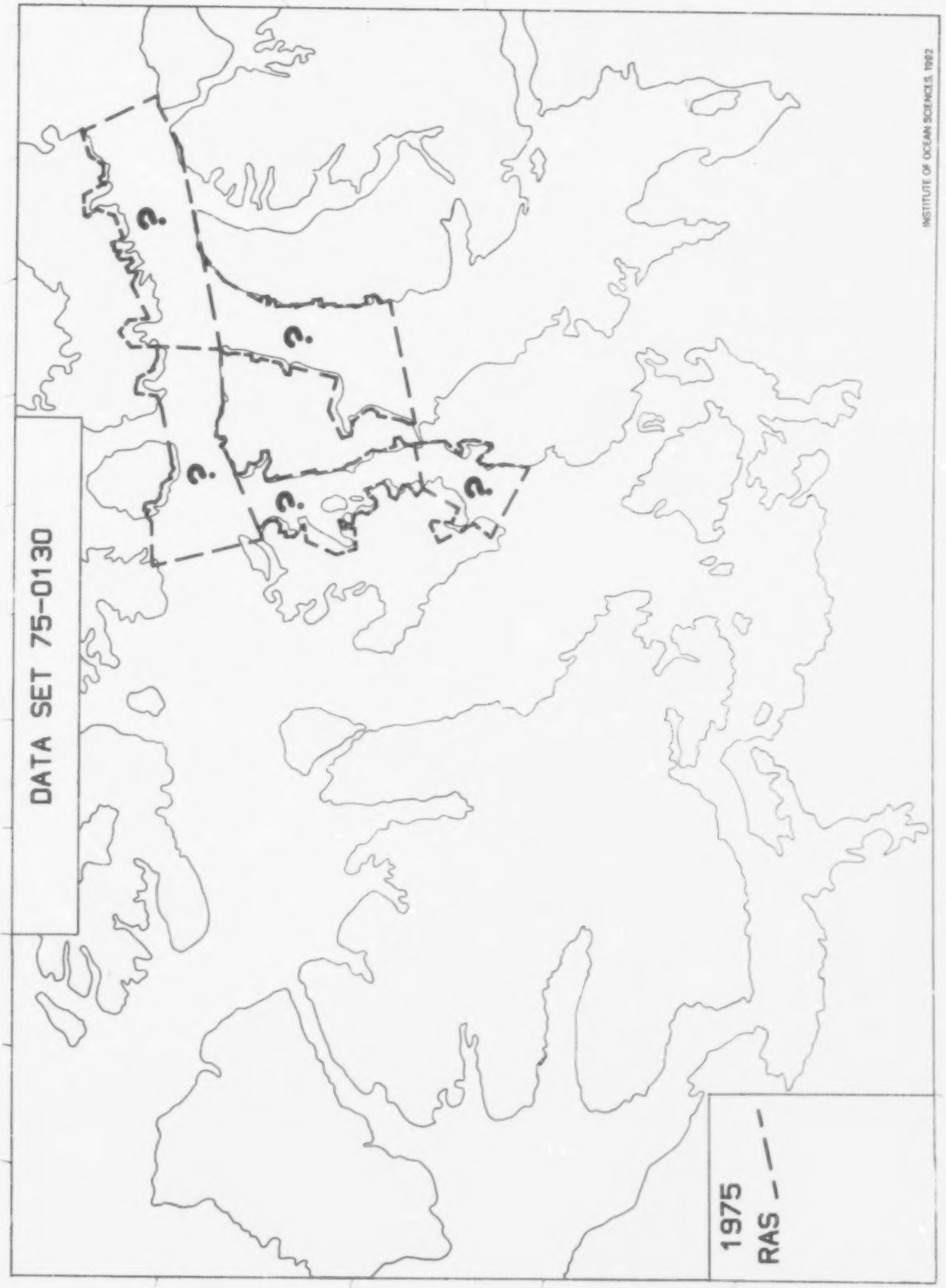
INSTITUTE OF OCEAN SCIENCES, 1982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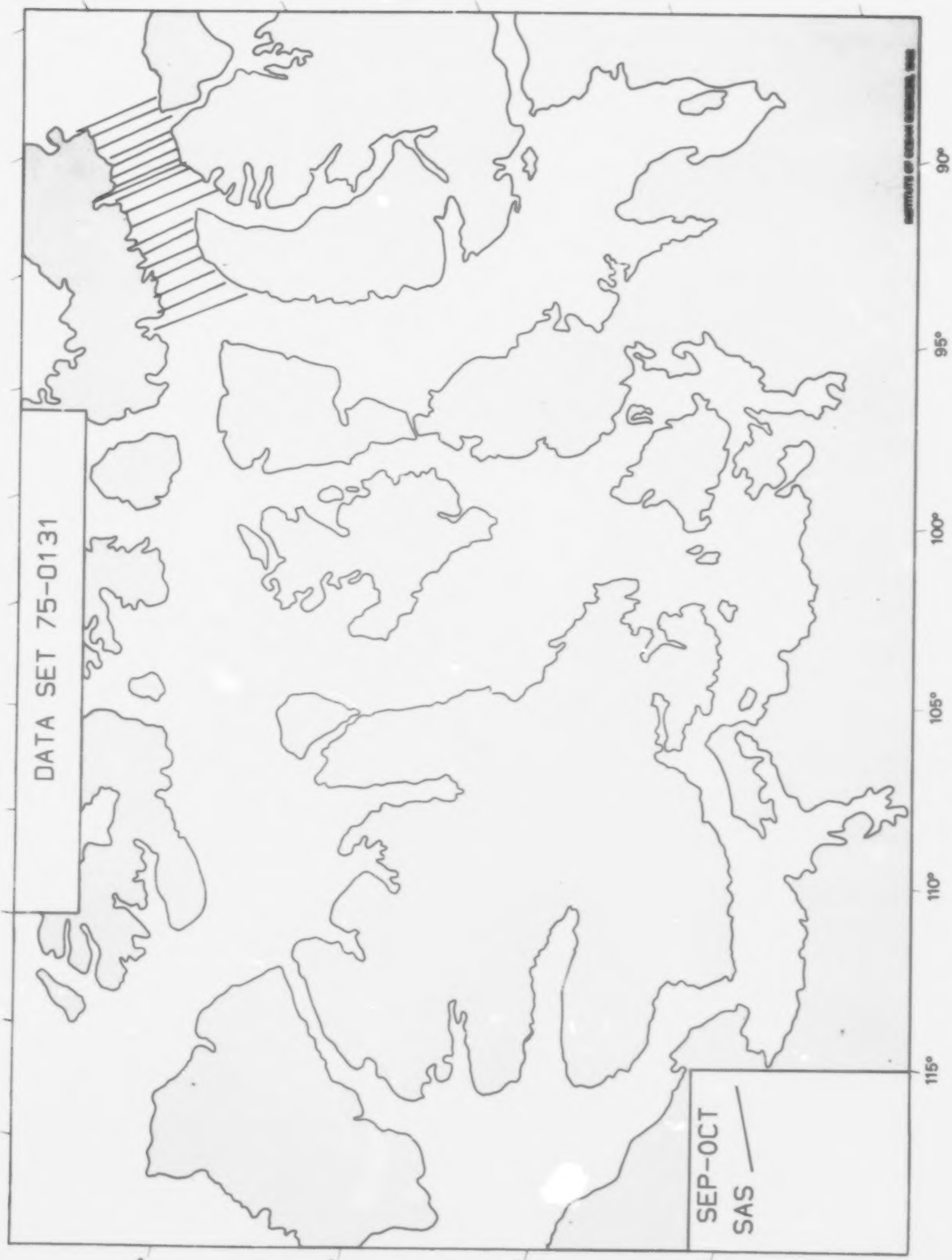
INSTITUTE OF OCEAN SCIENCES, 1982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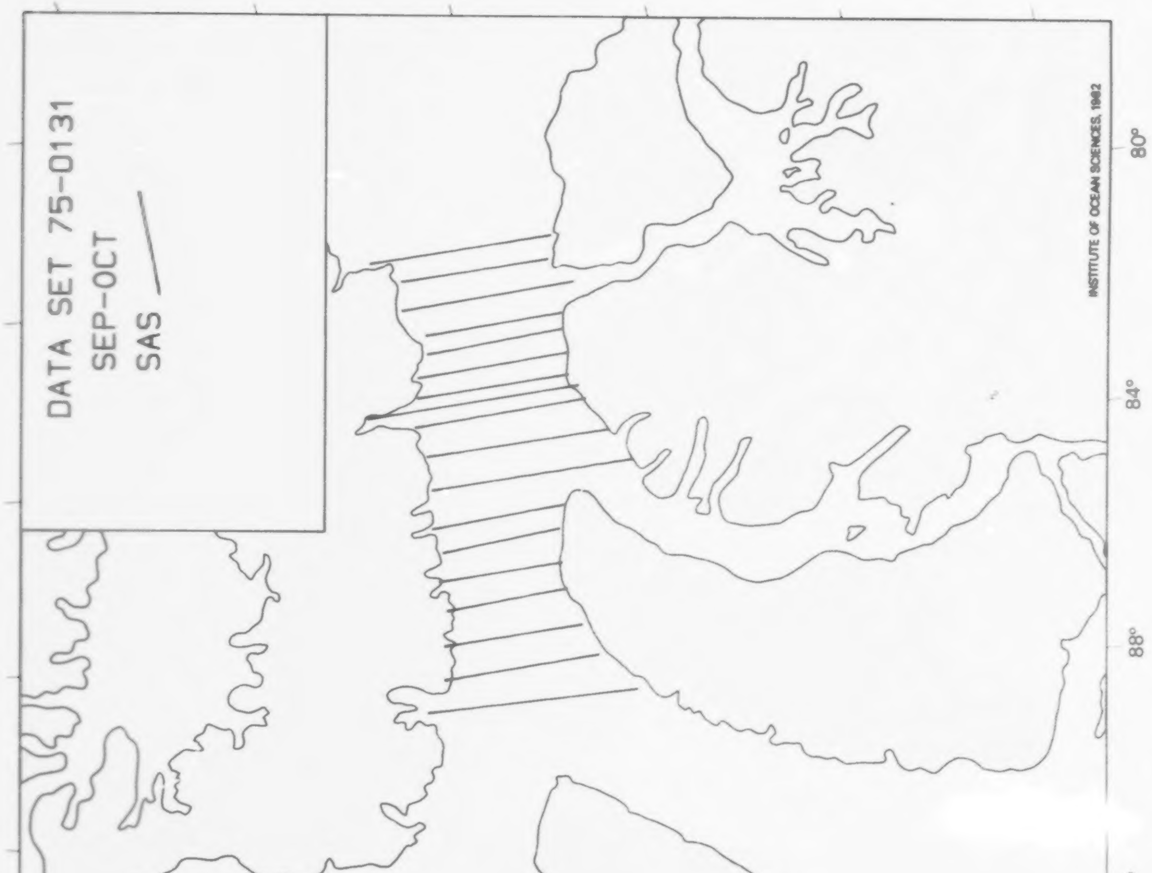
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SEP-OCT
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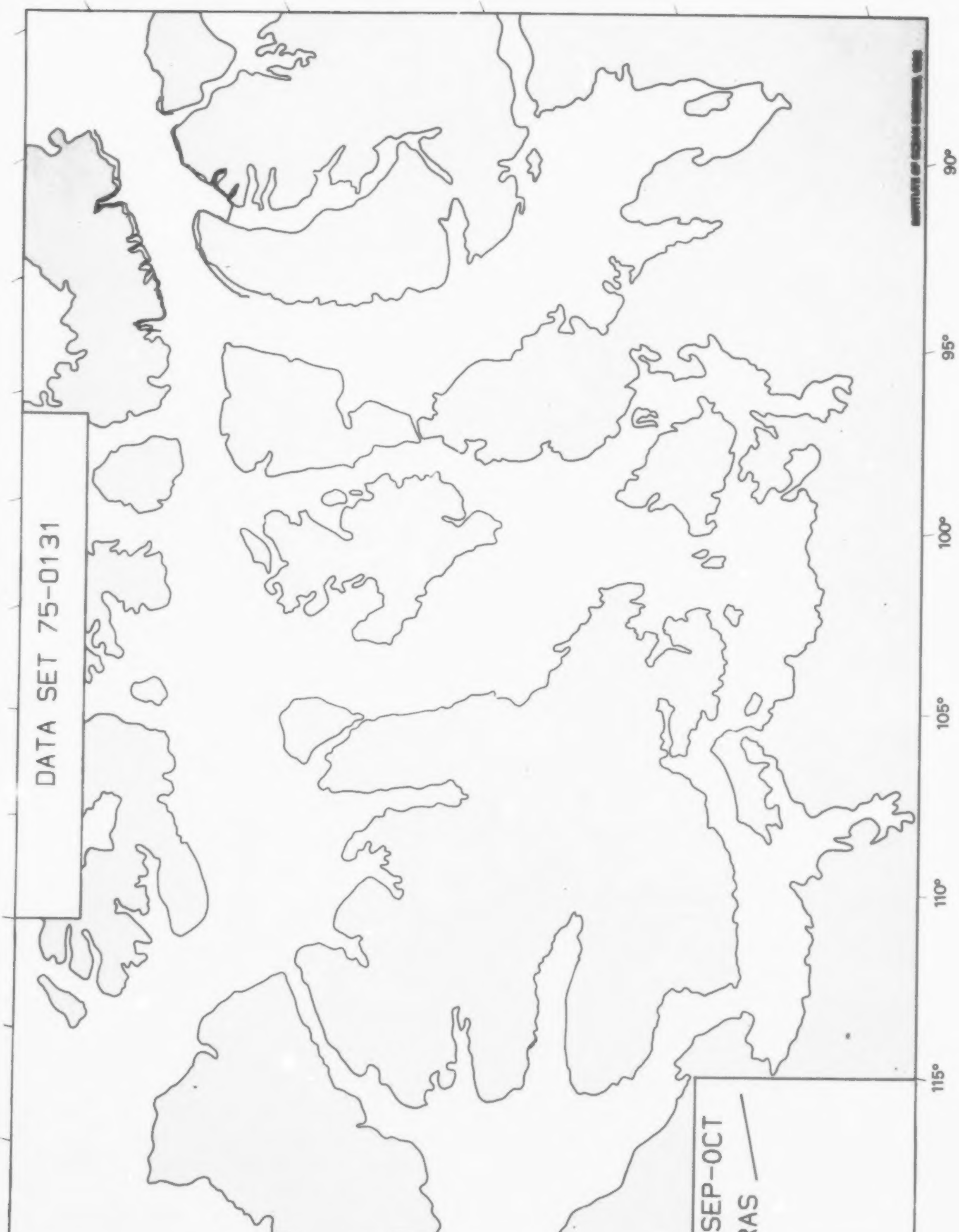
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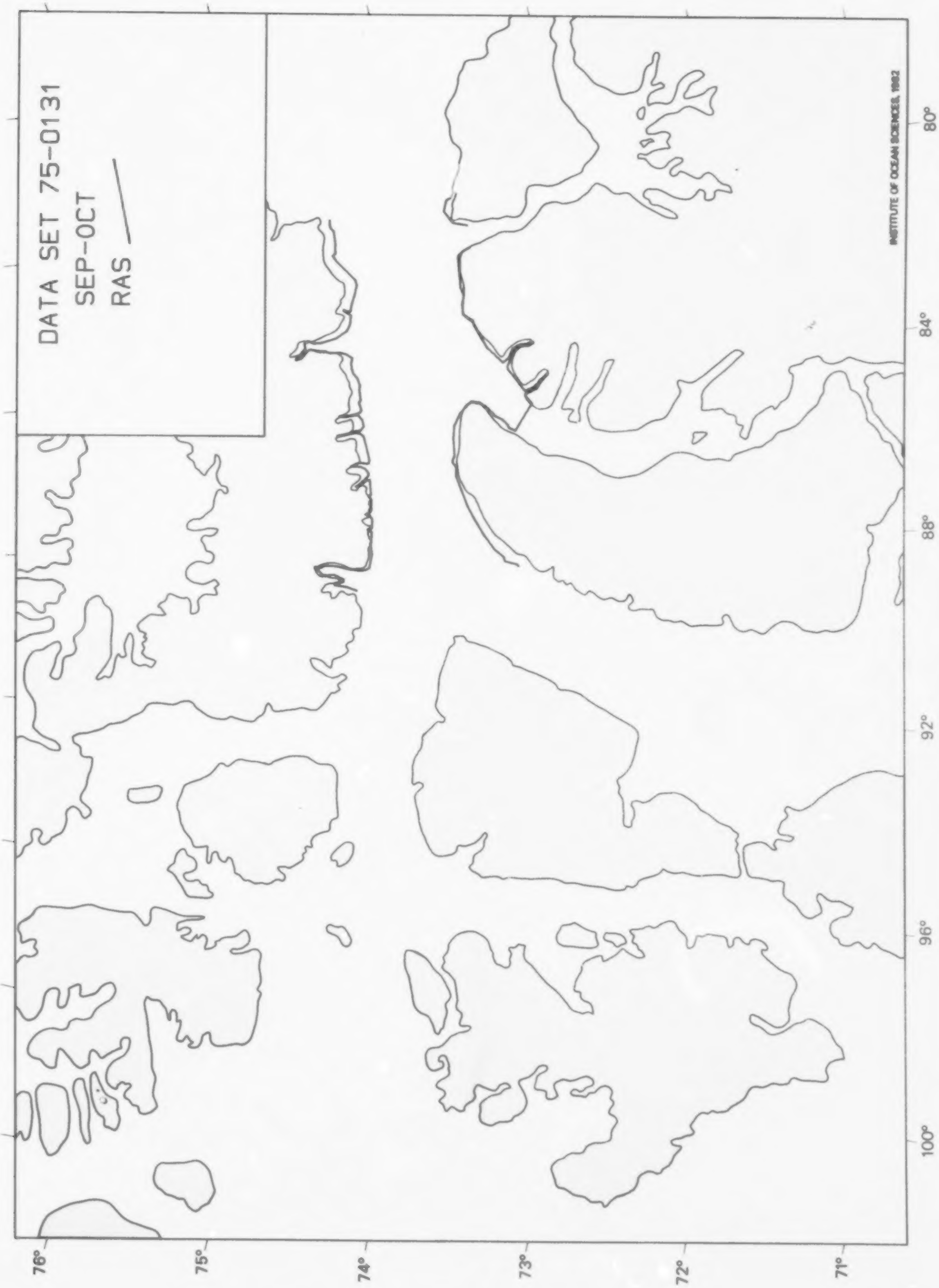
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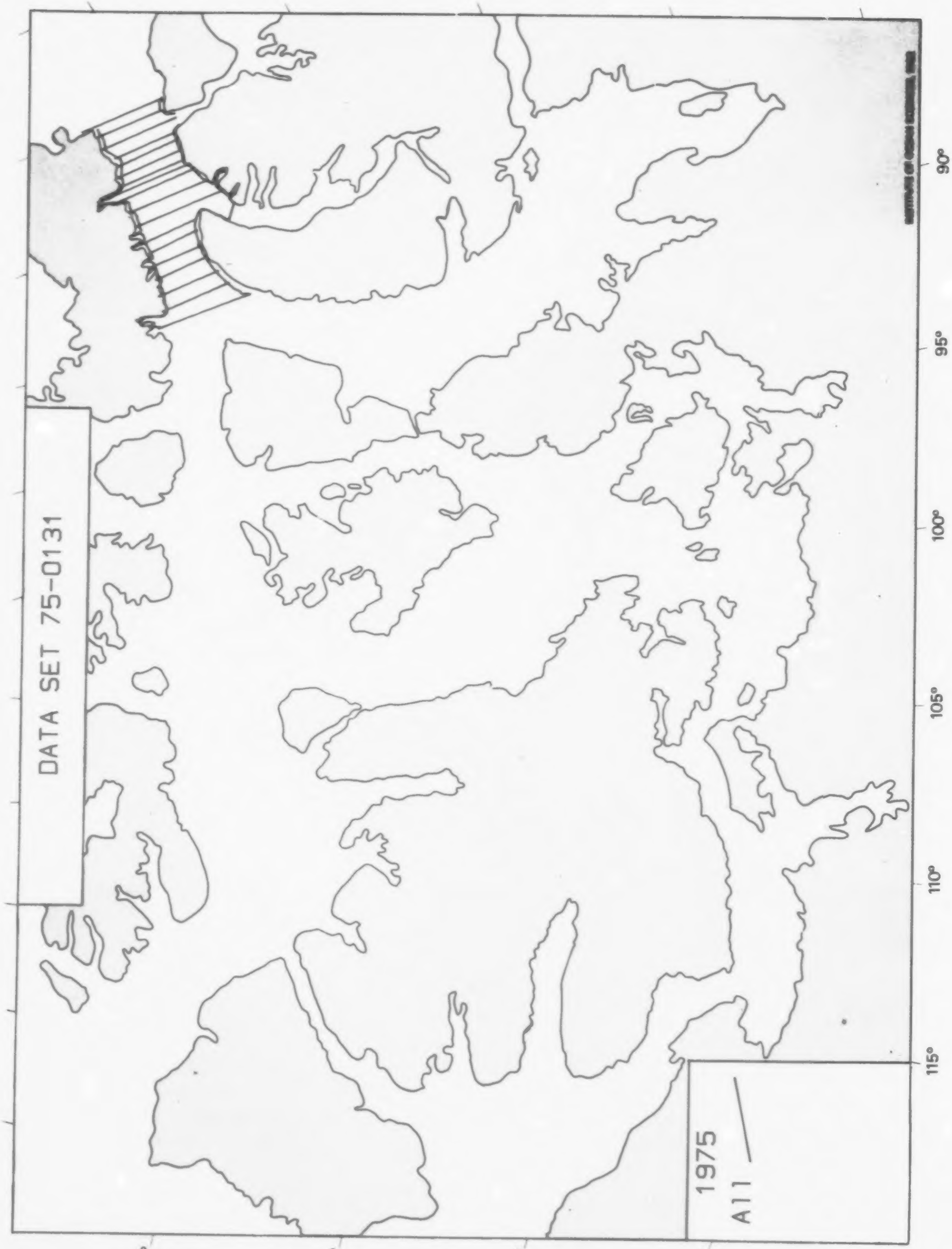
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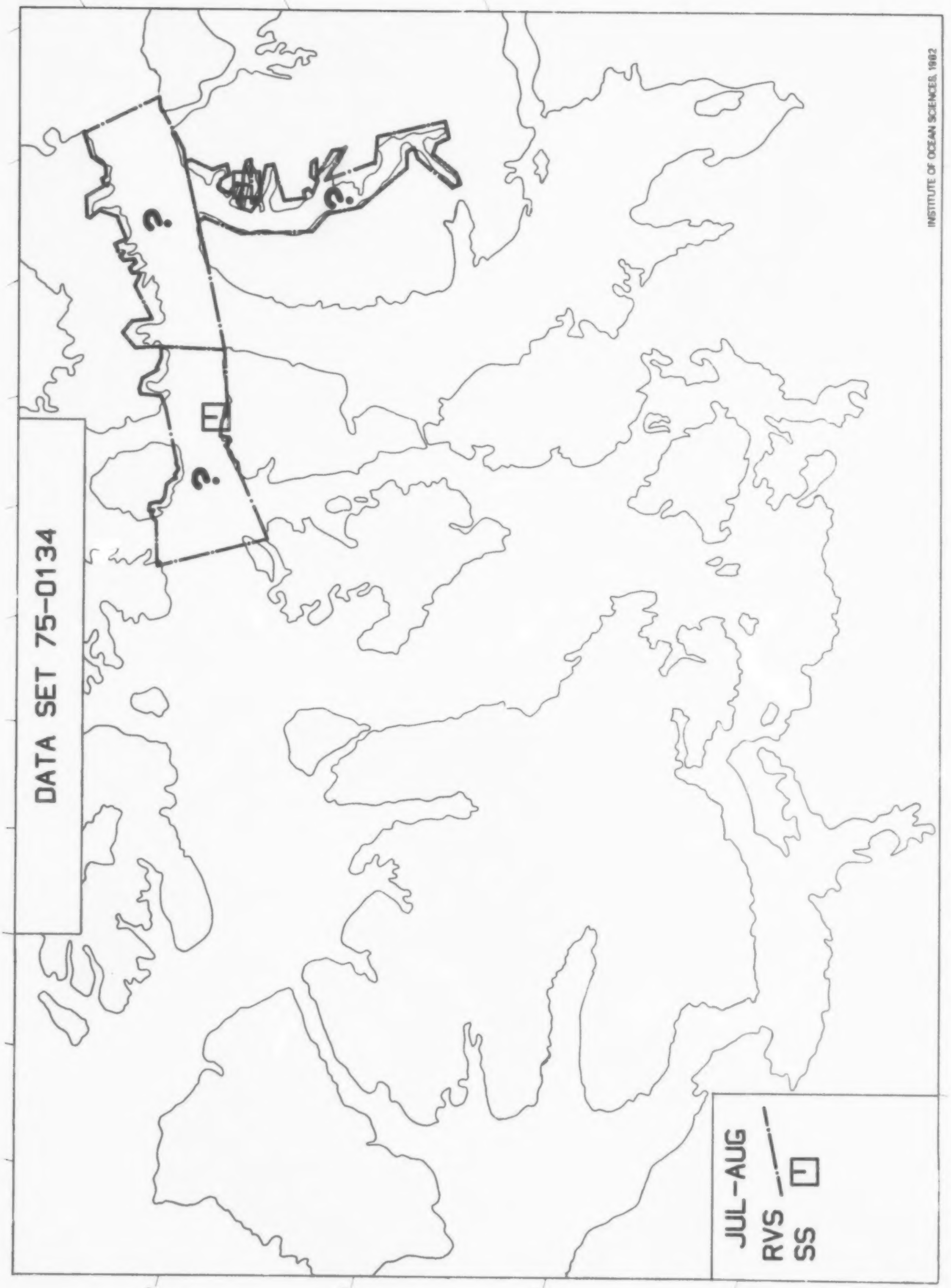
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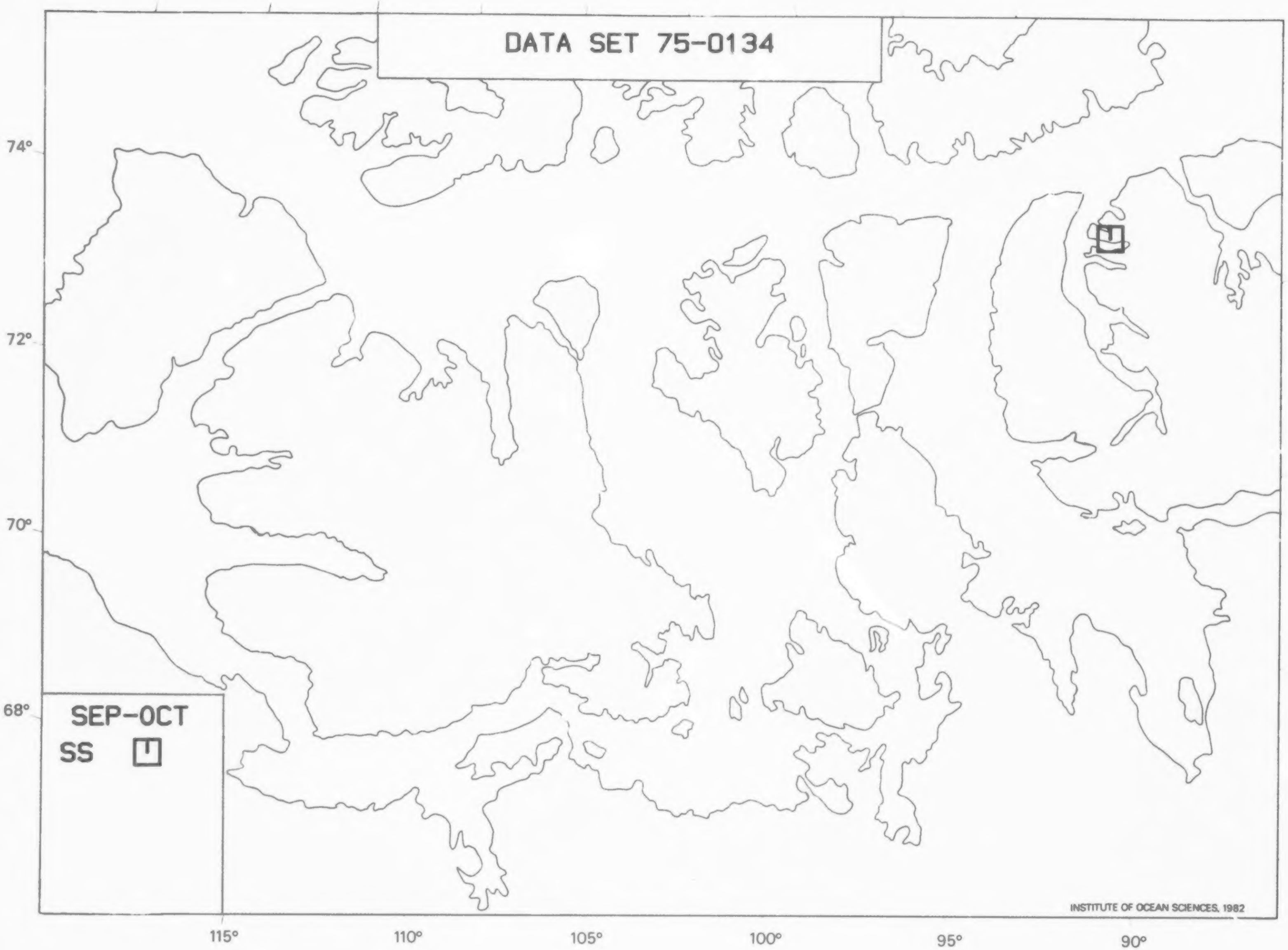
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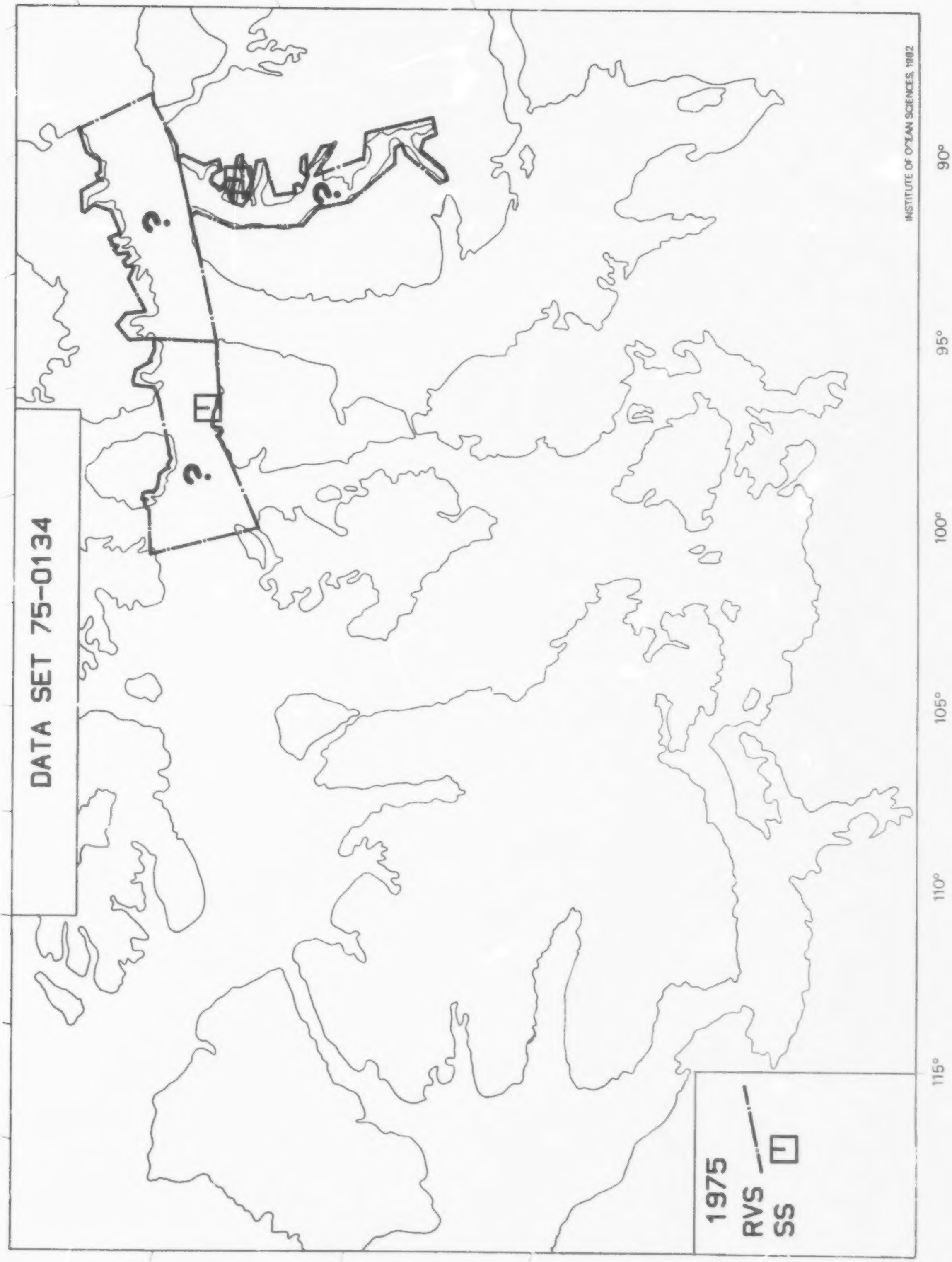
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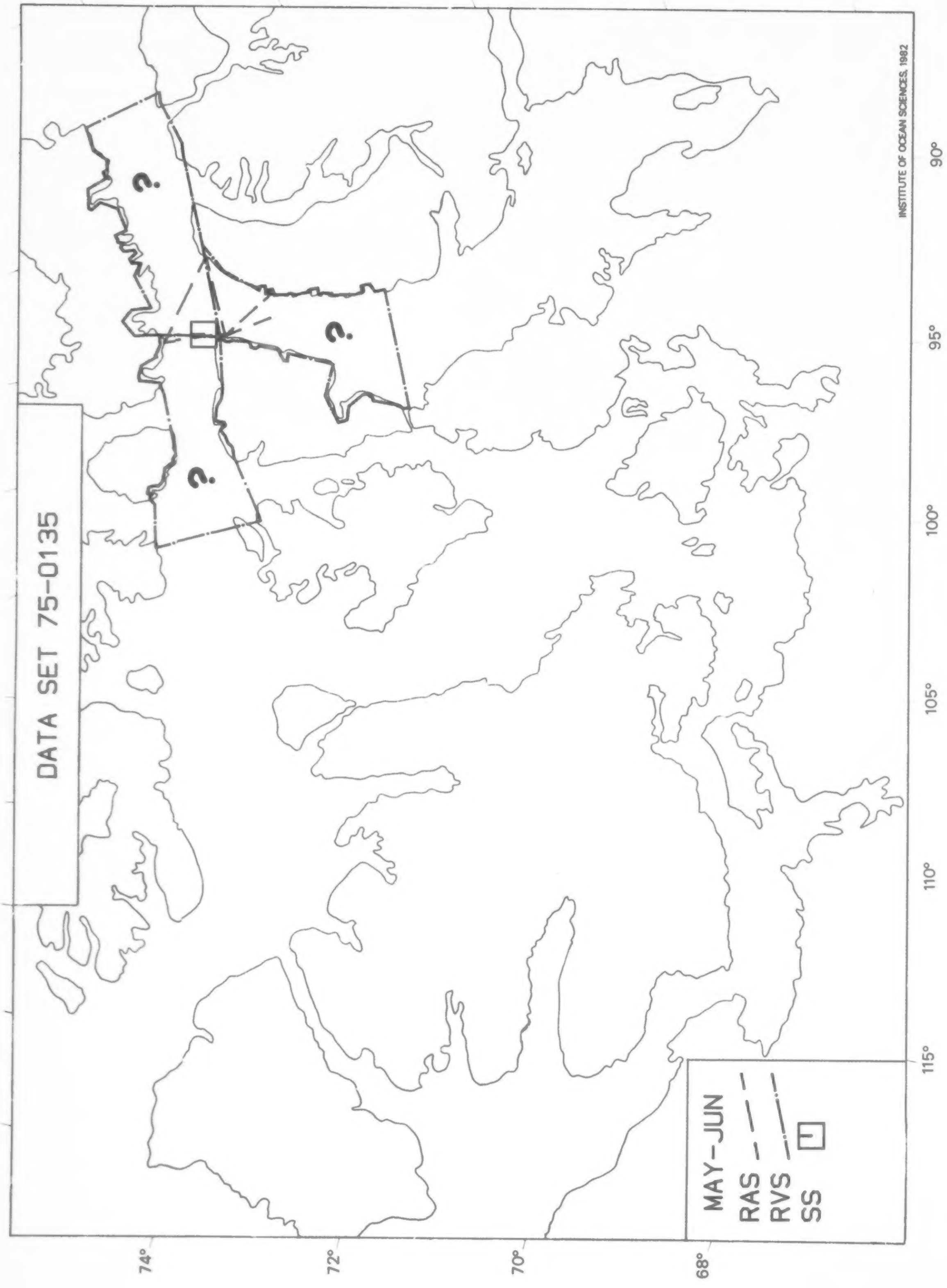
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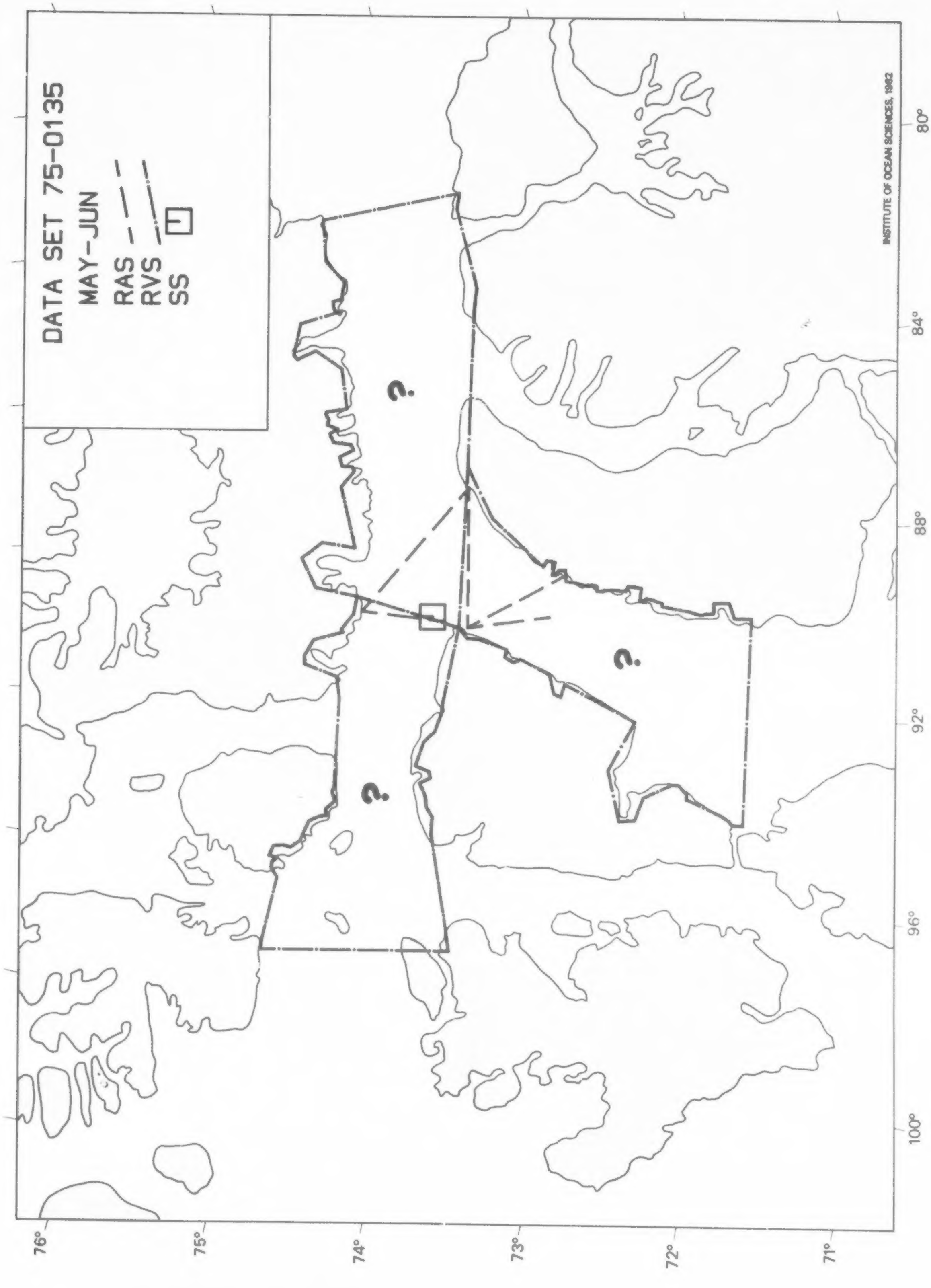
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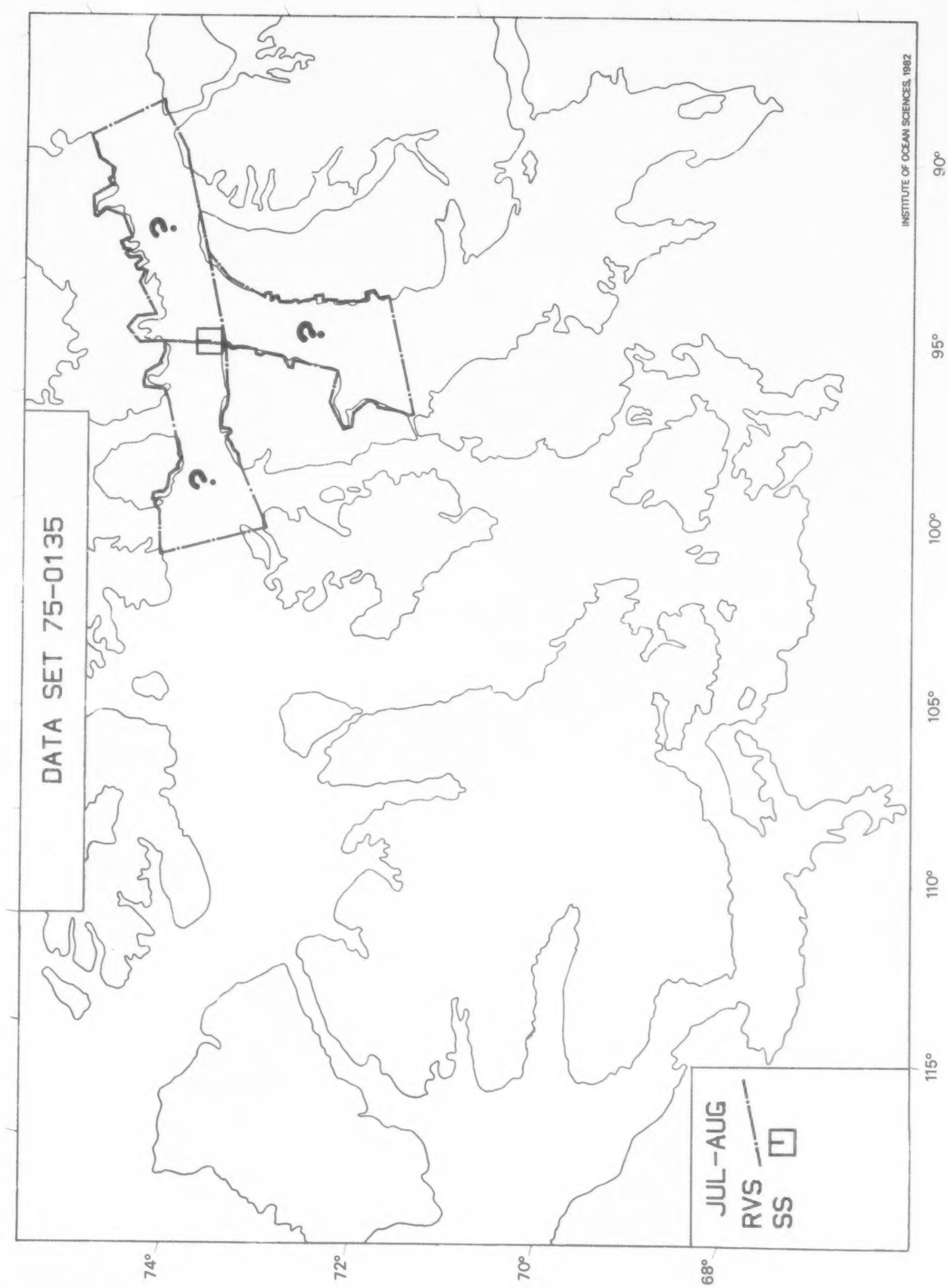
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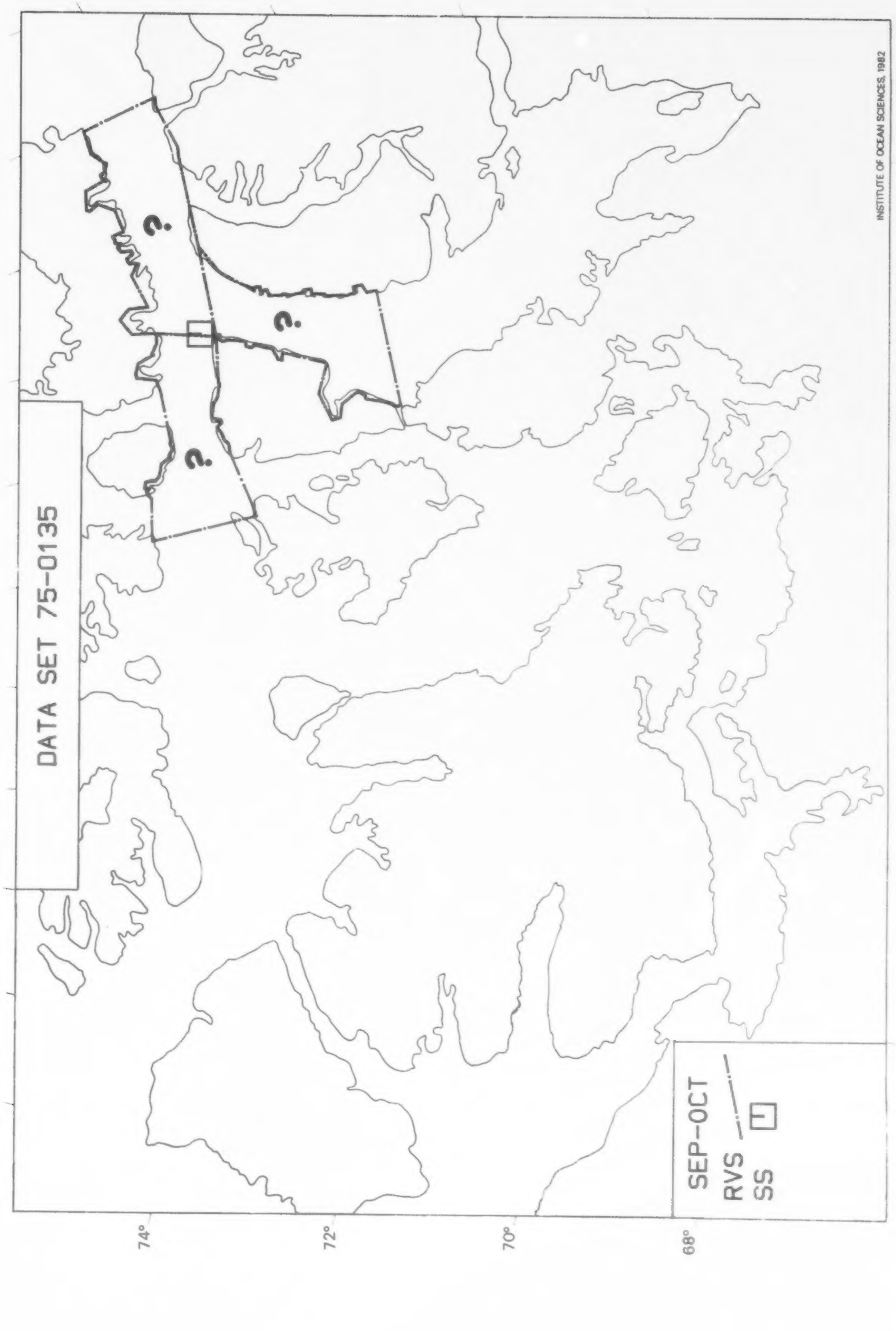
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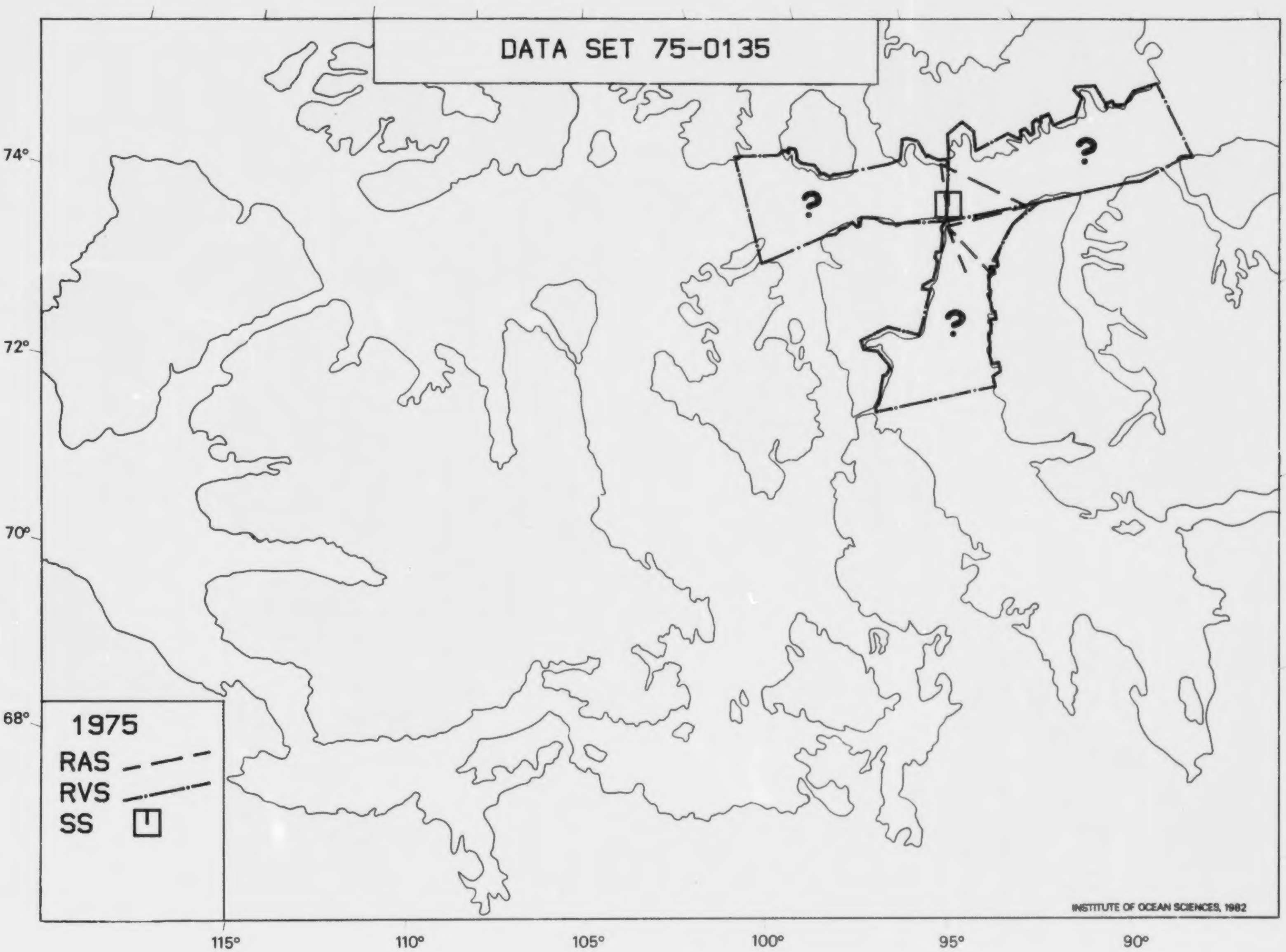
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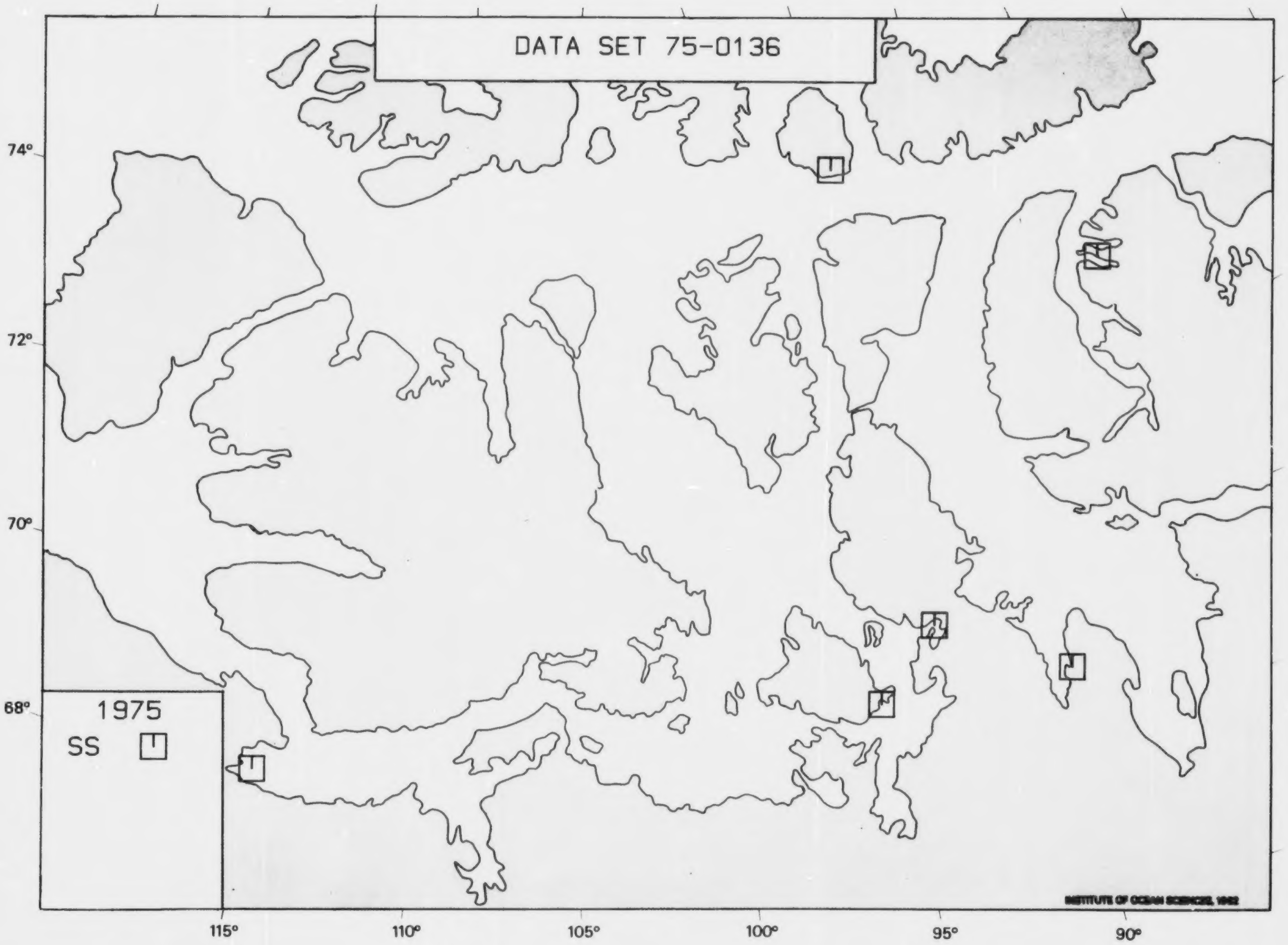
INSTITUTE OF OCEAN SCIENCES, 1982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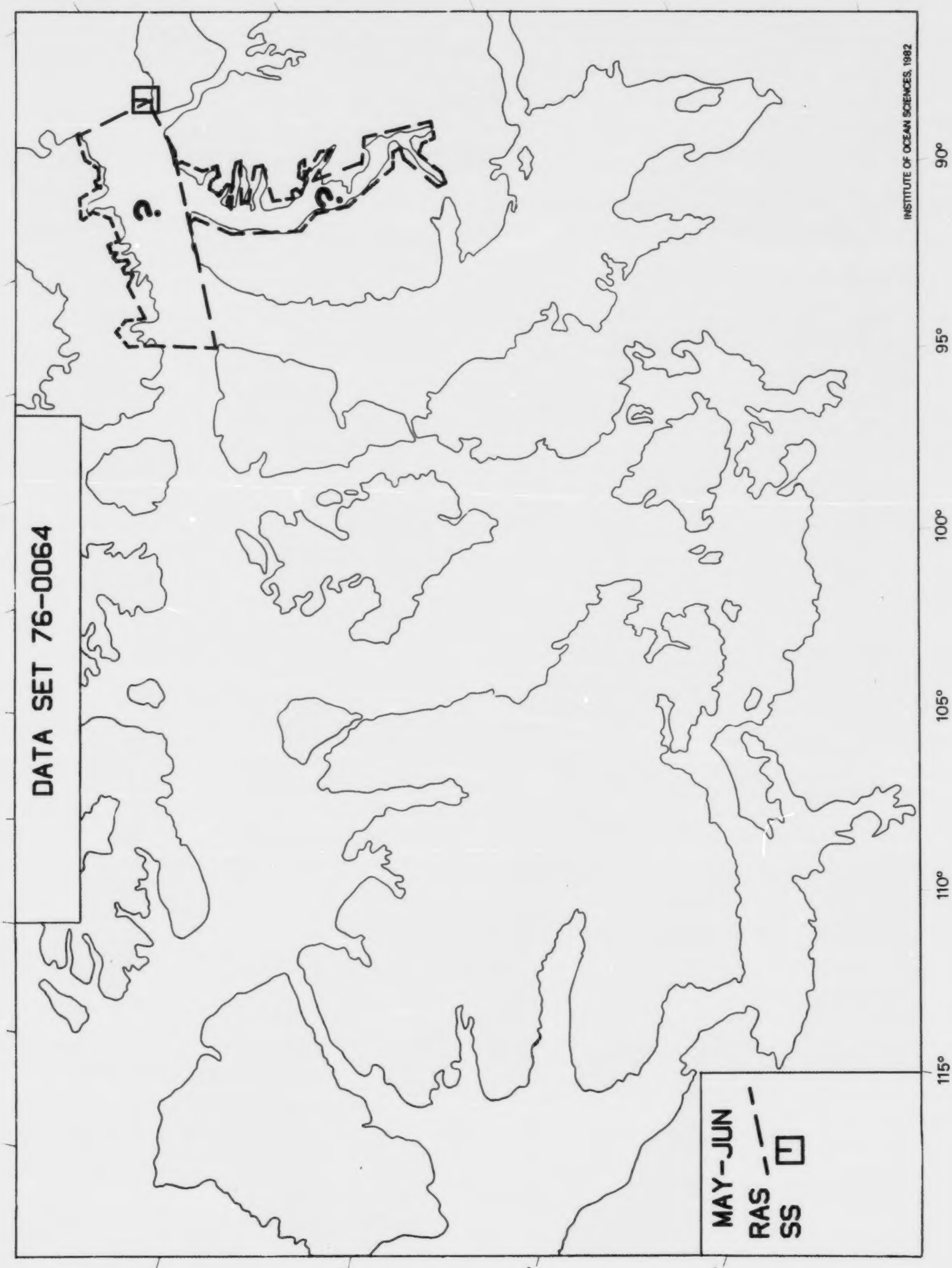
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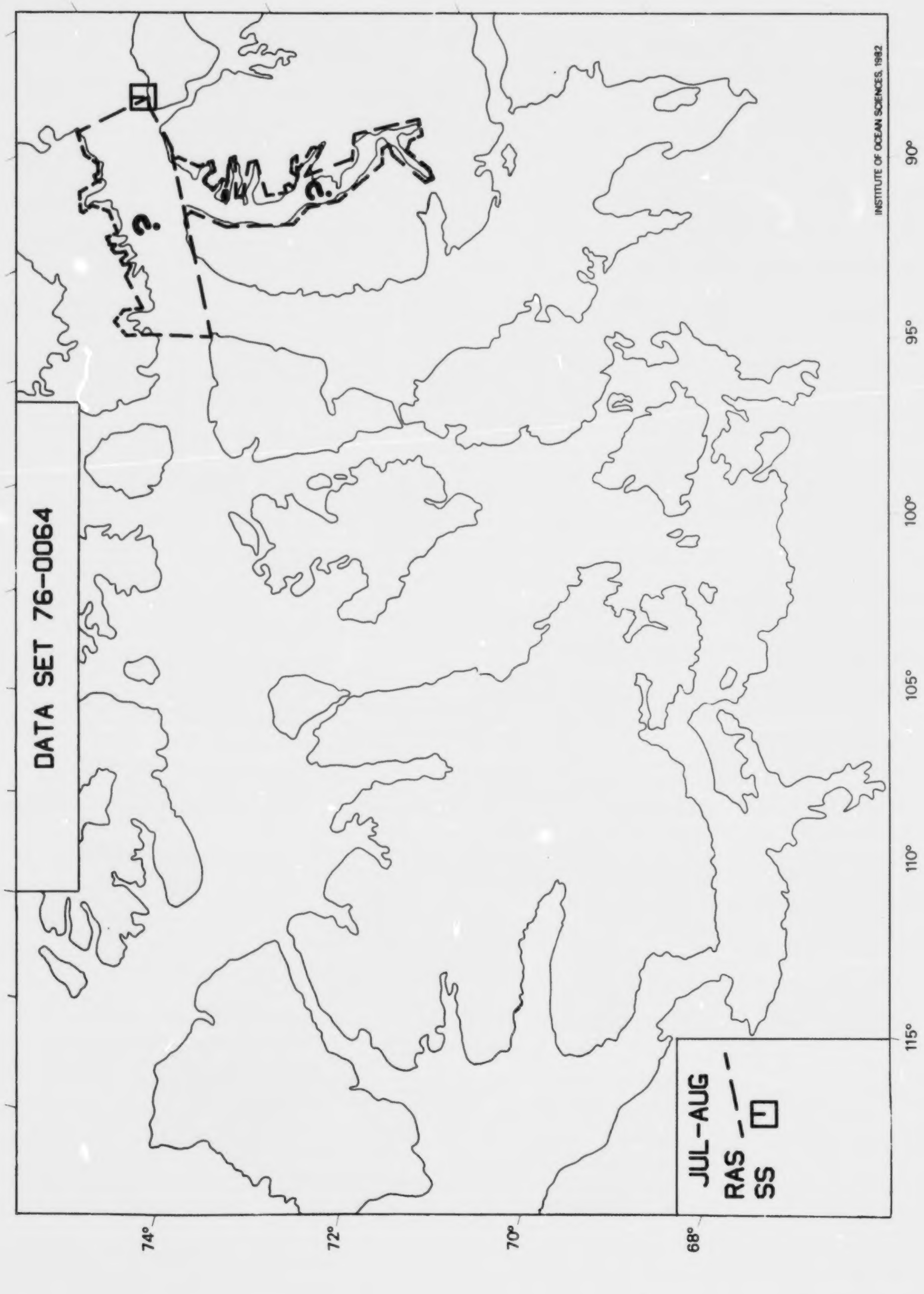
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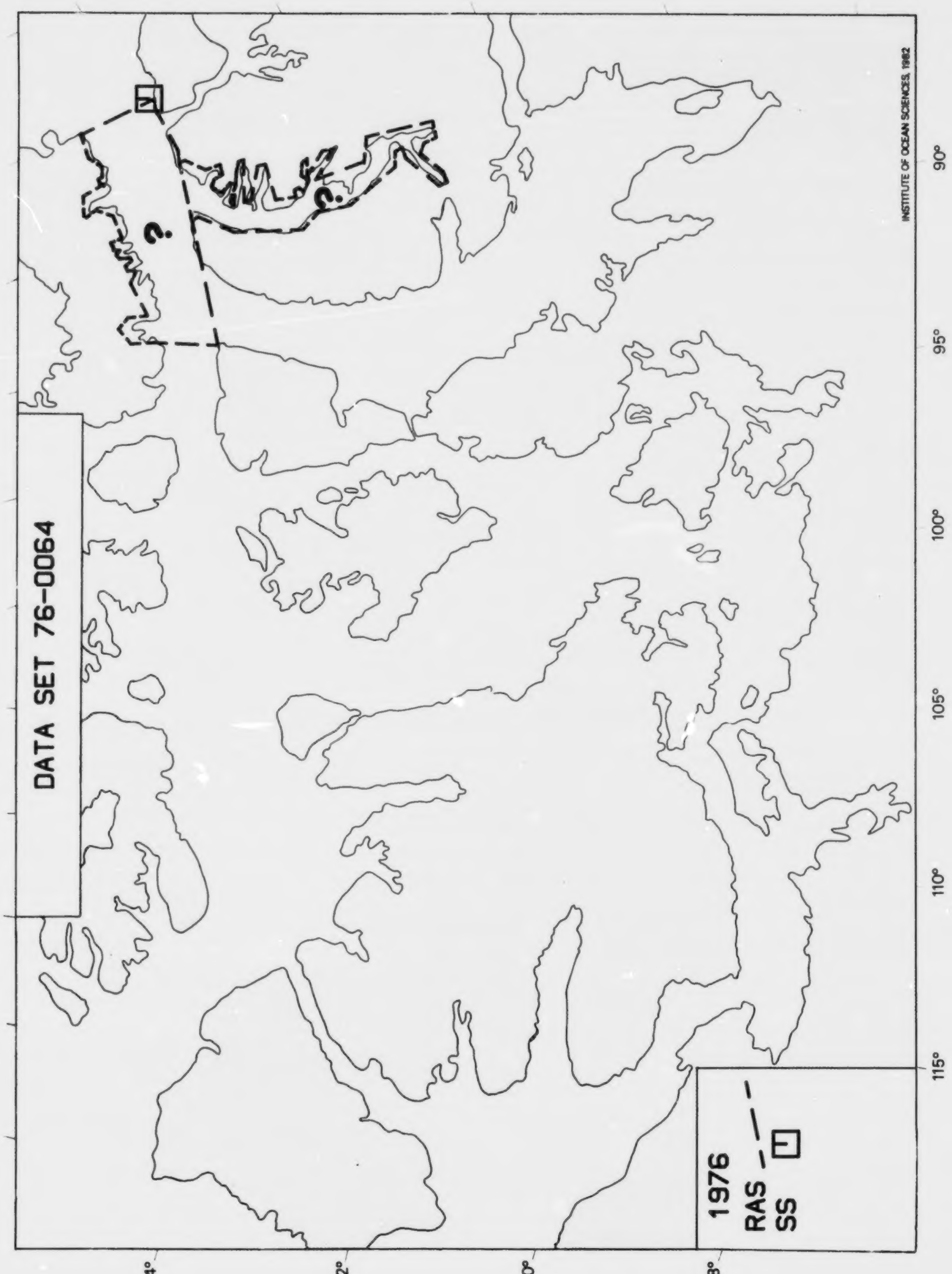
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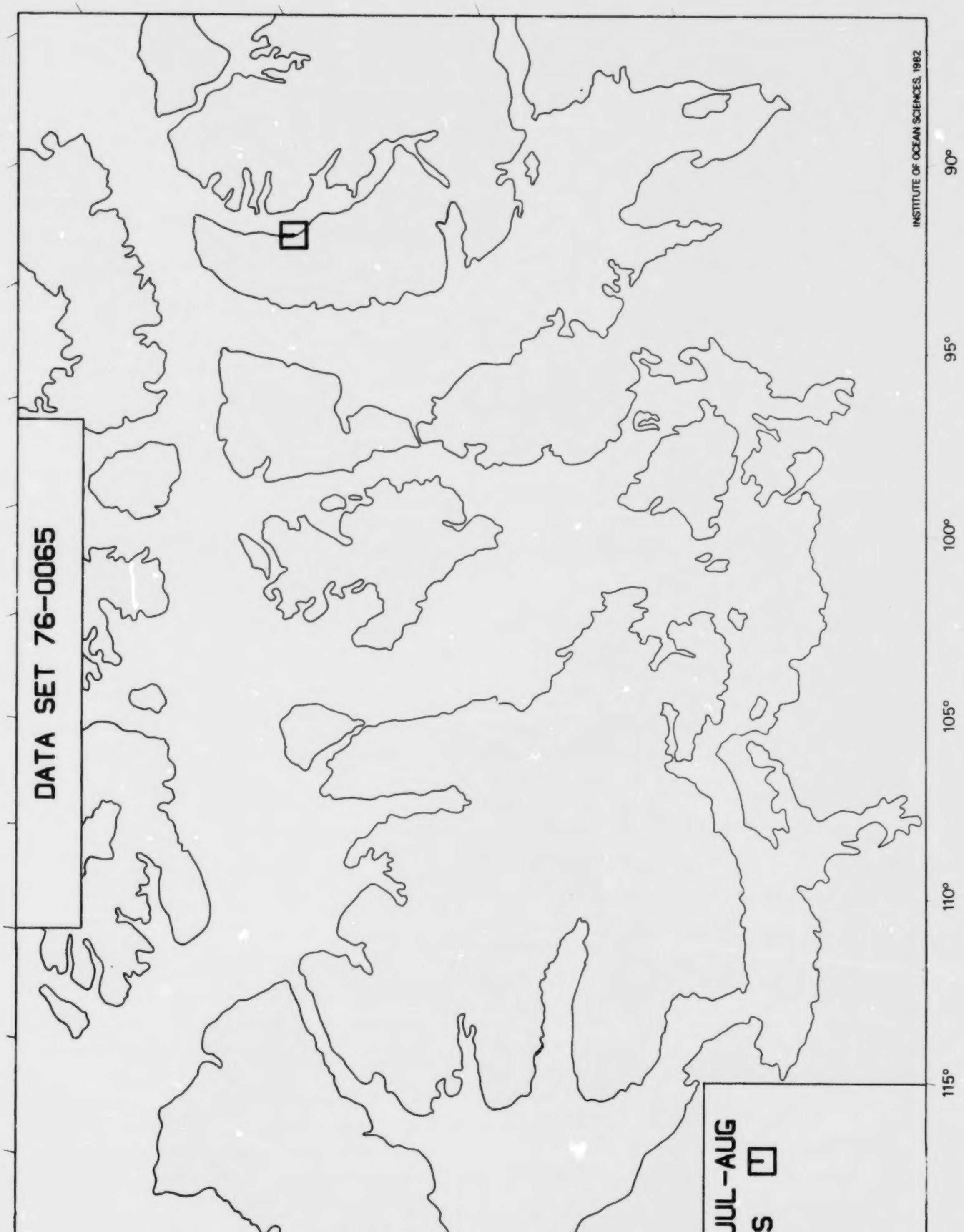
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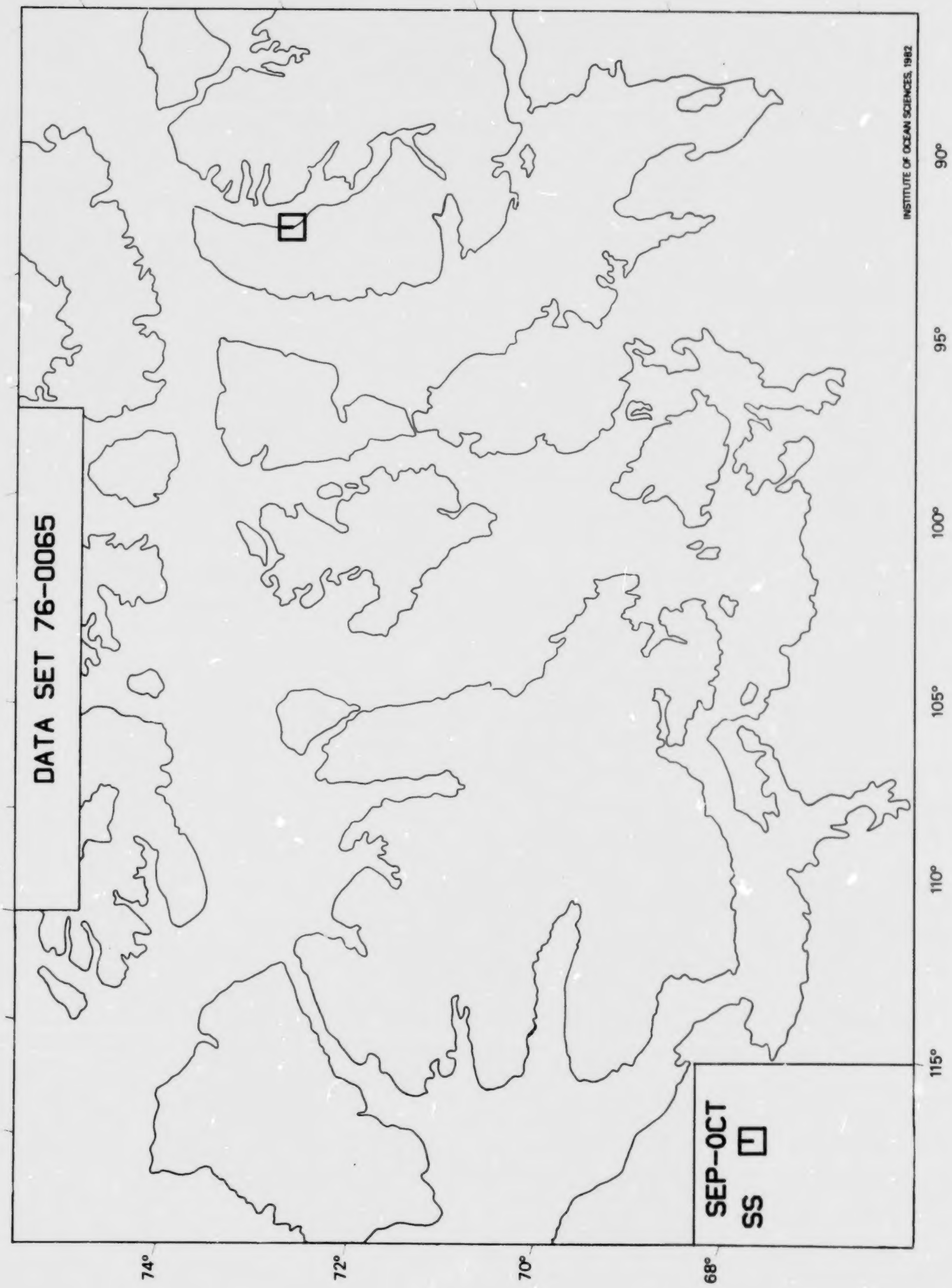
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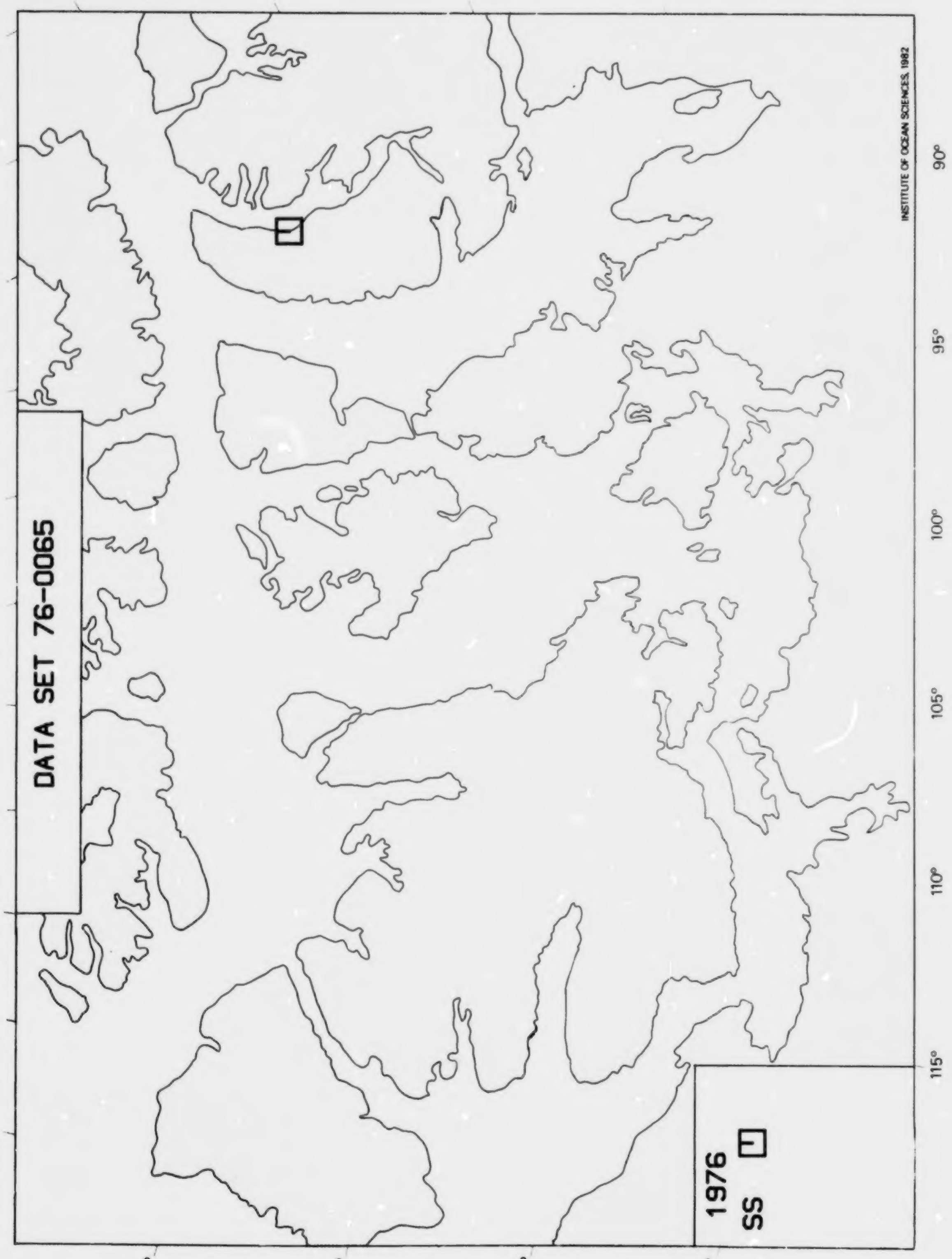
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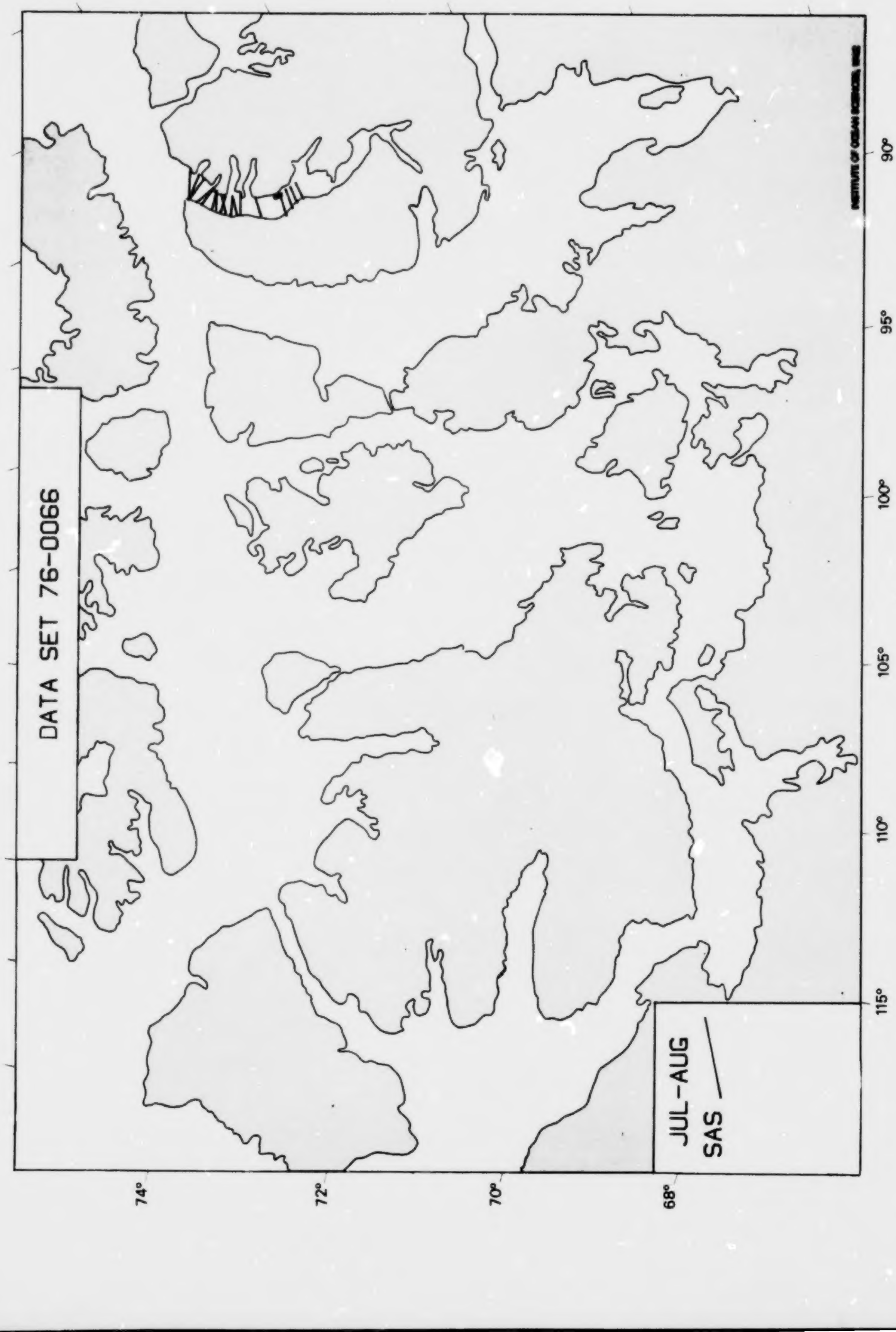
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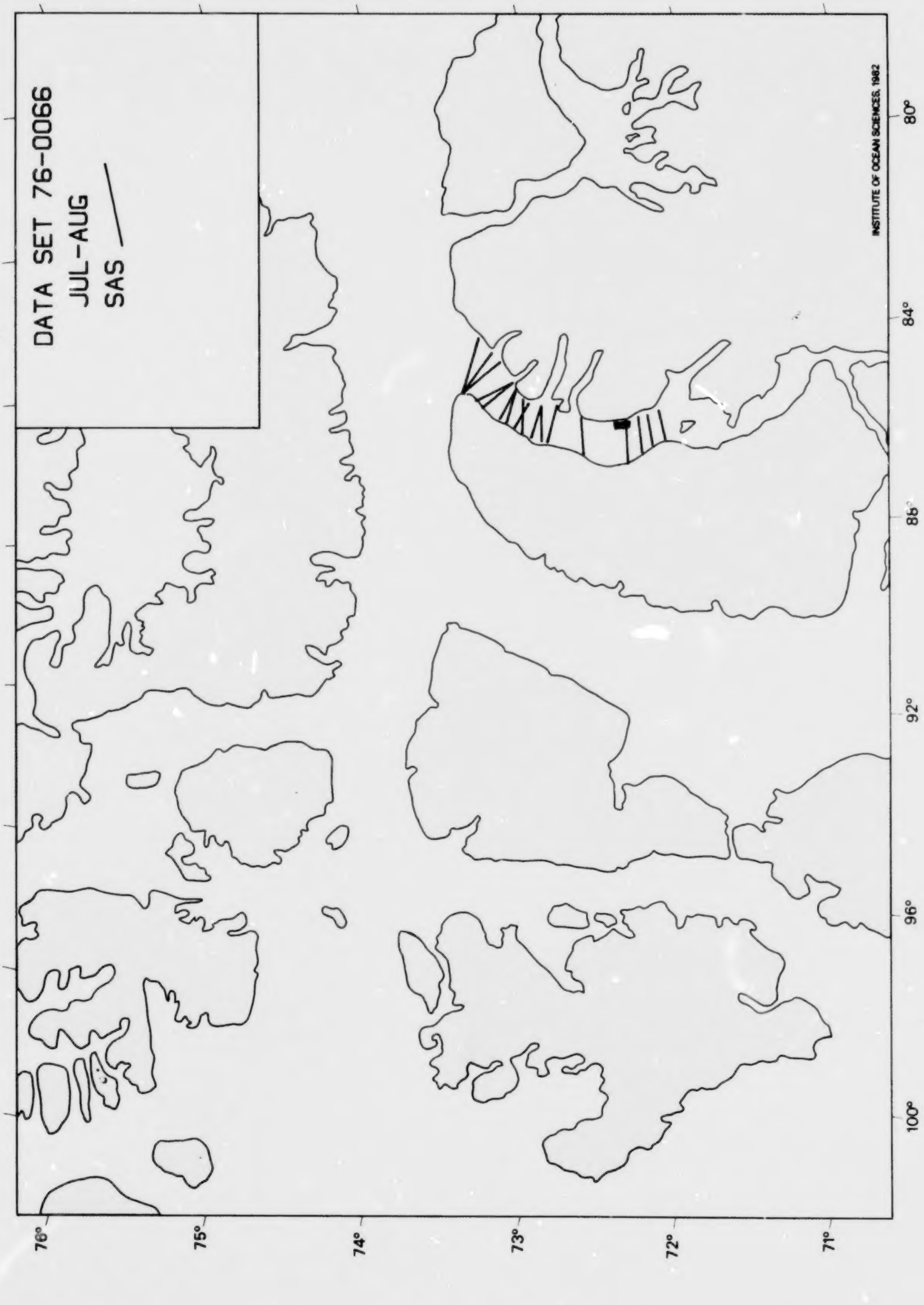
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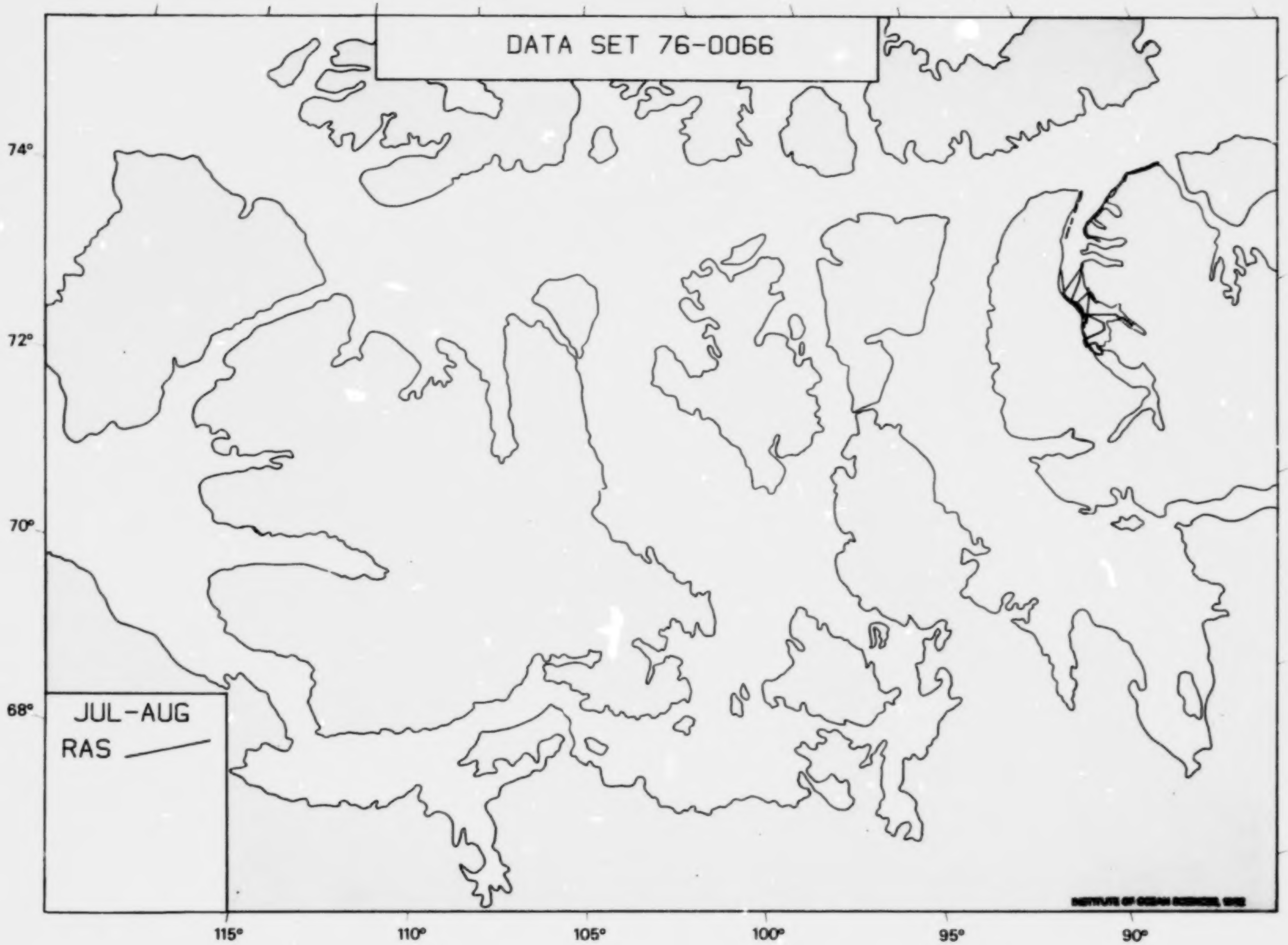
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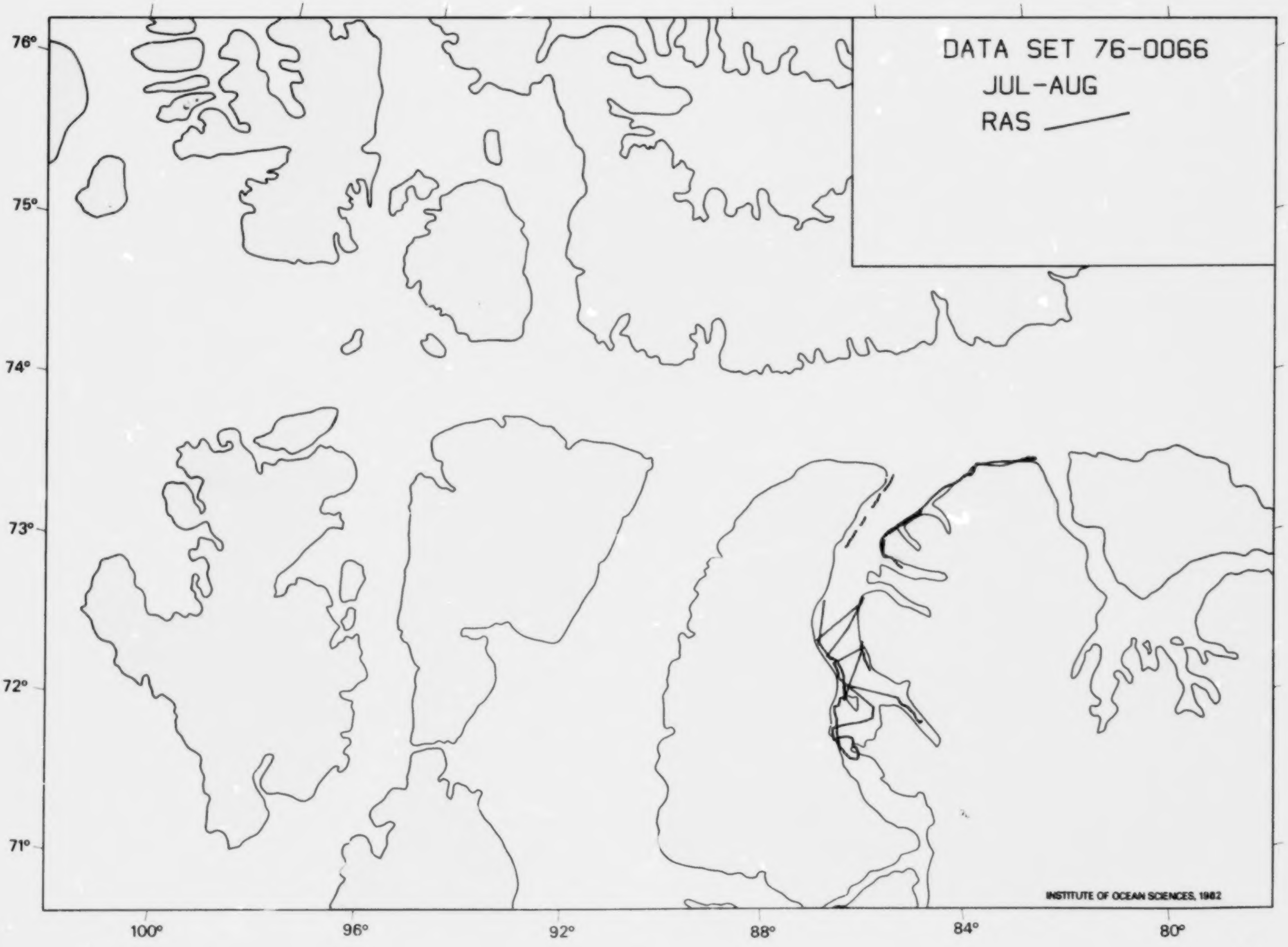
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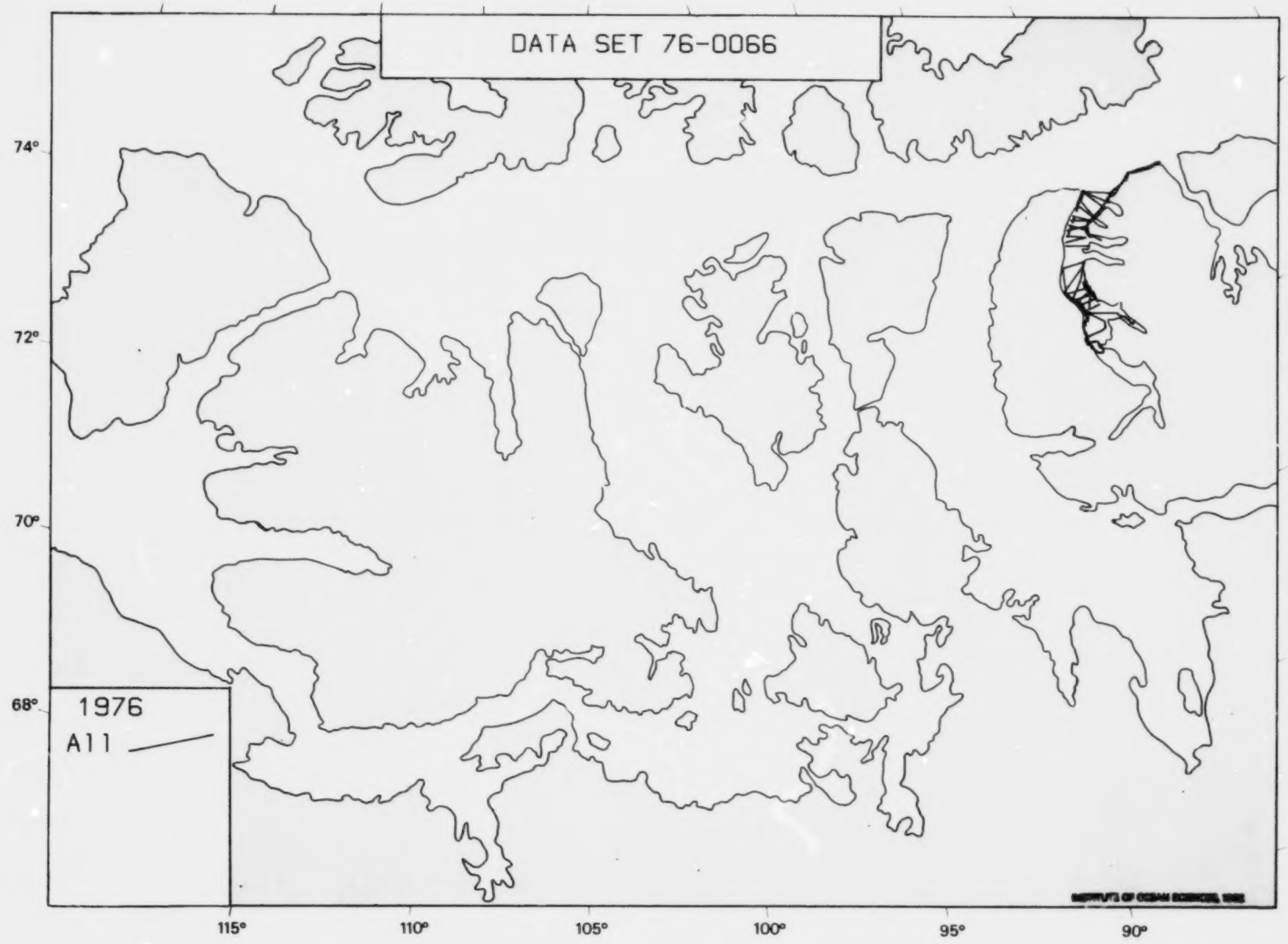
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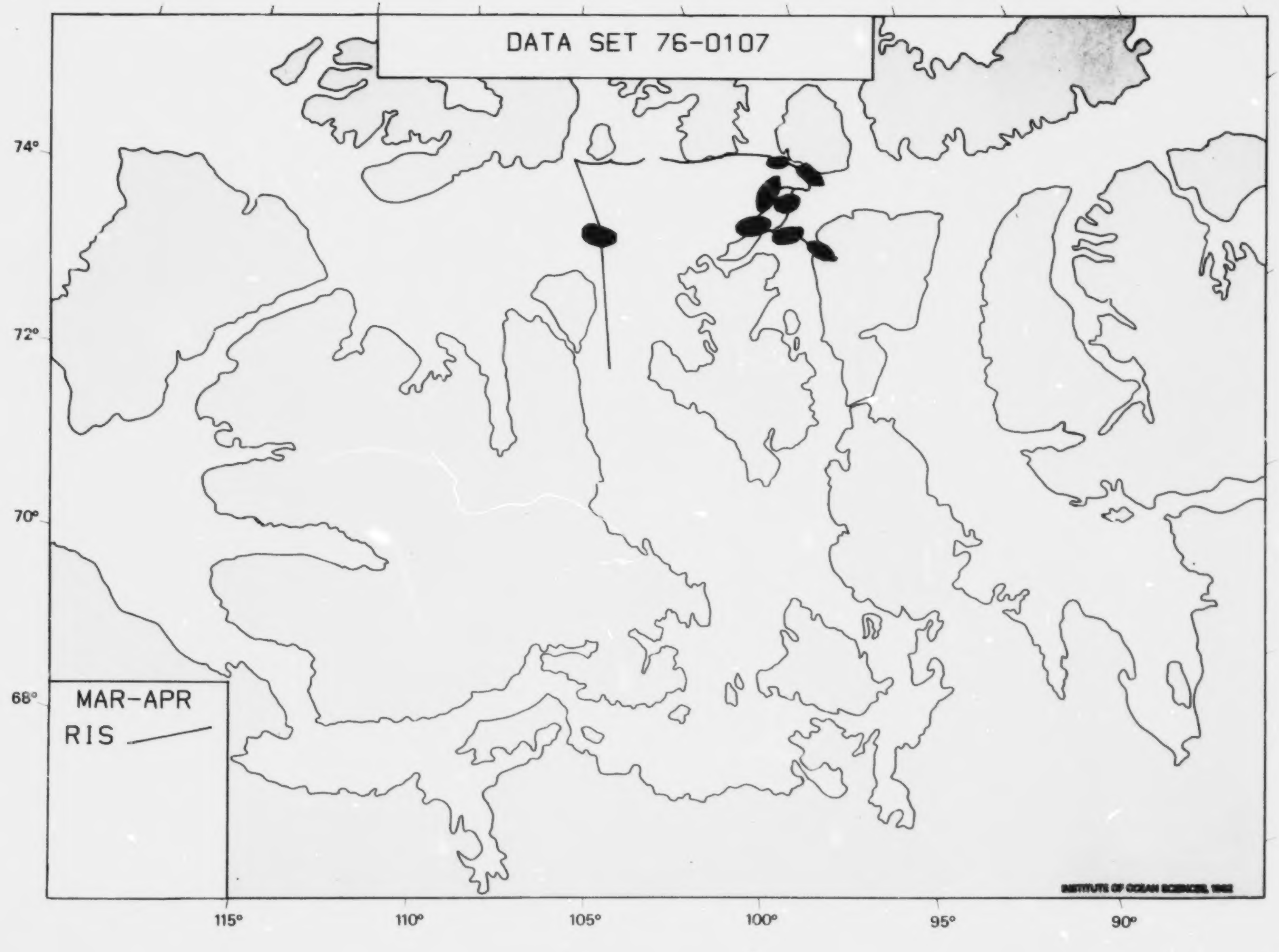
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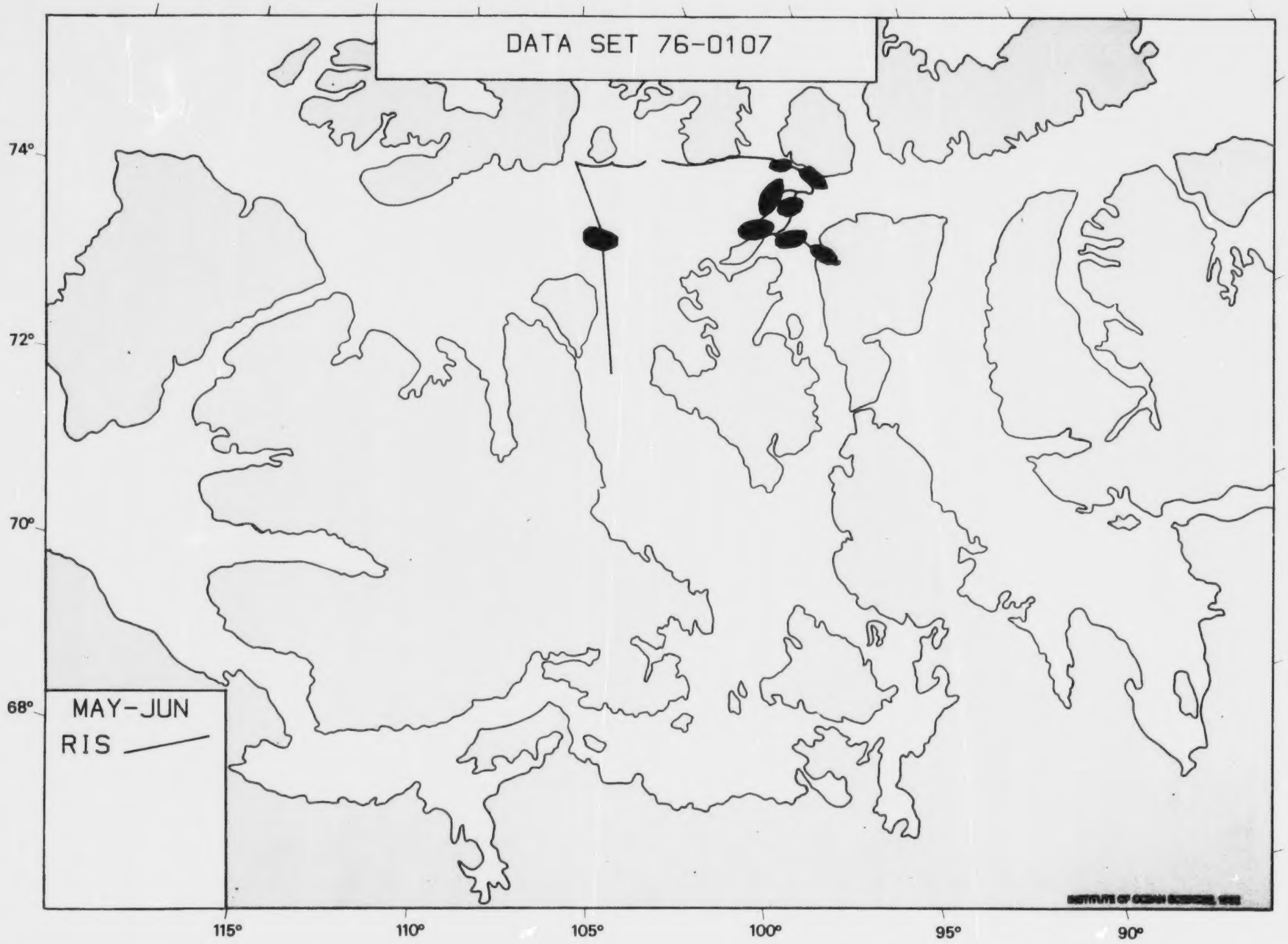
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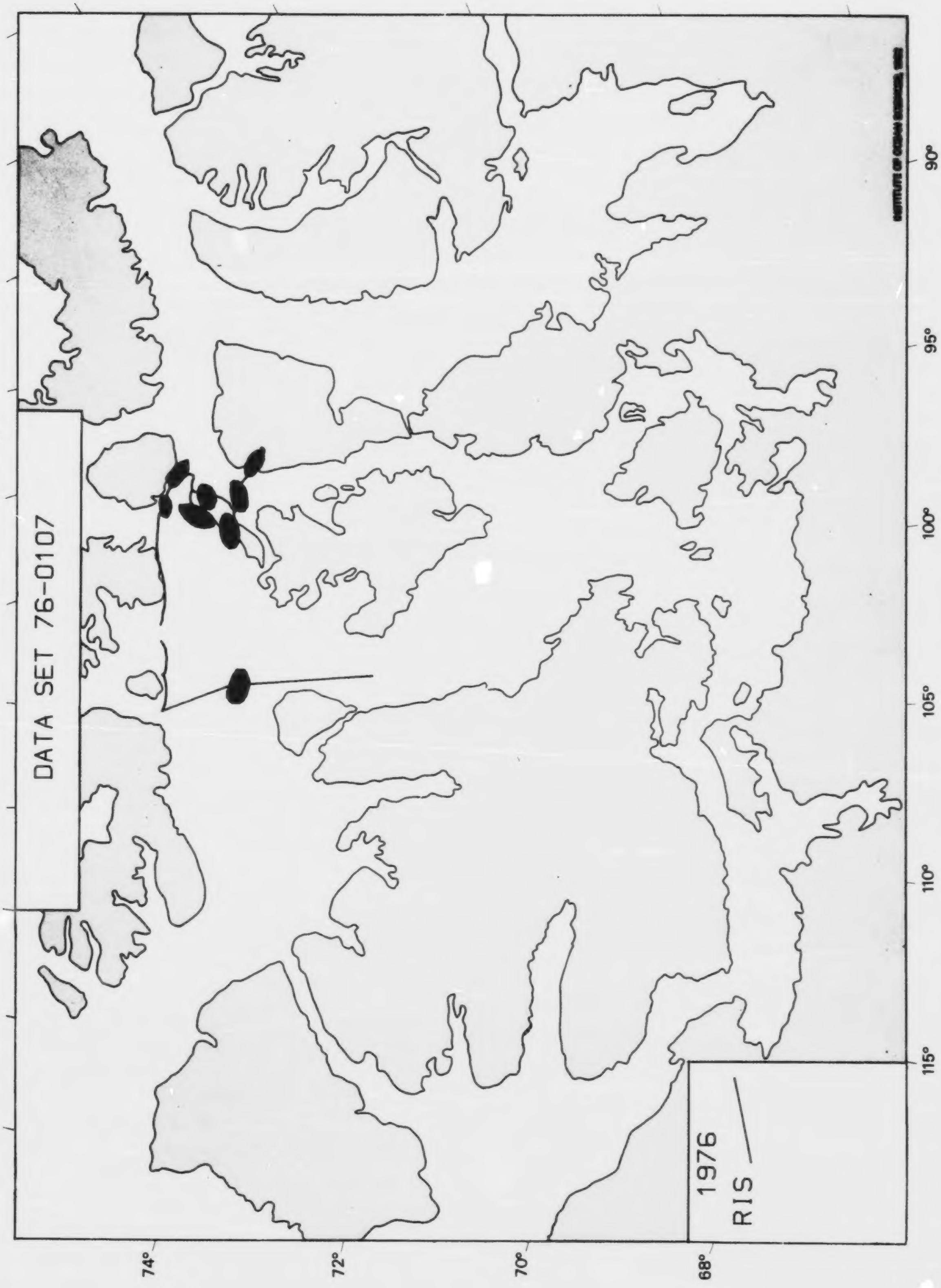
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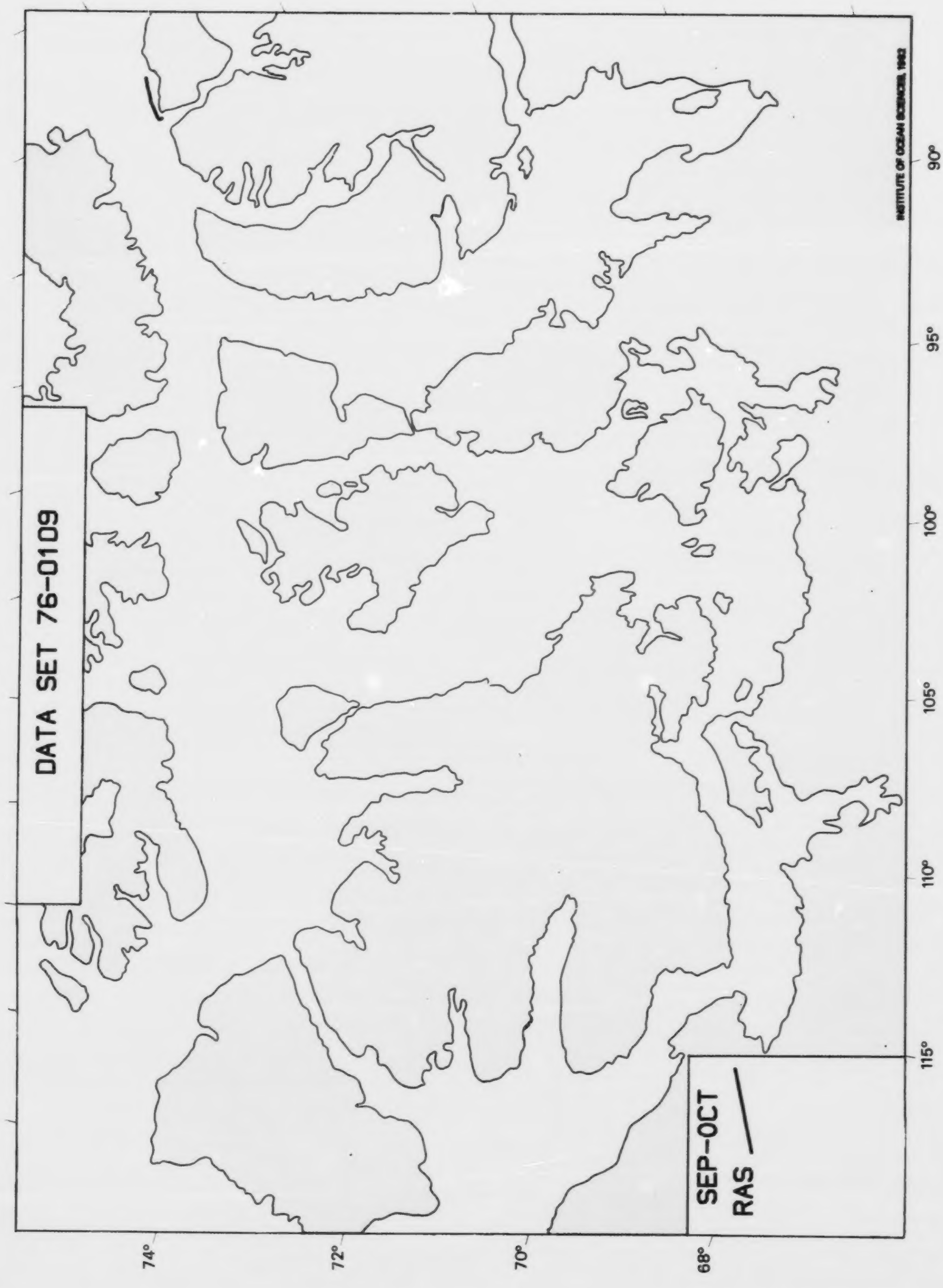
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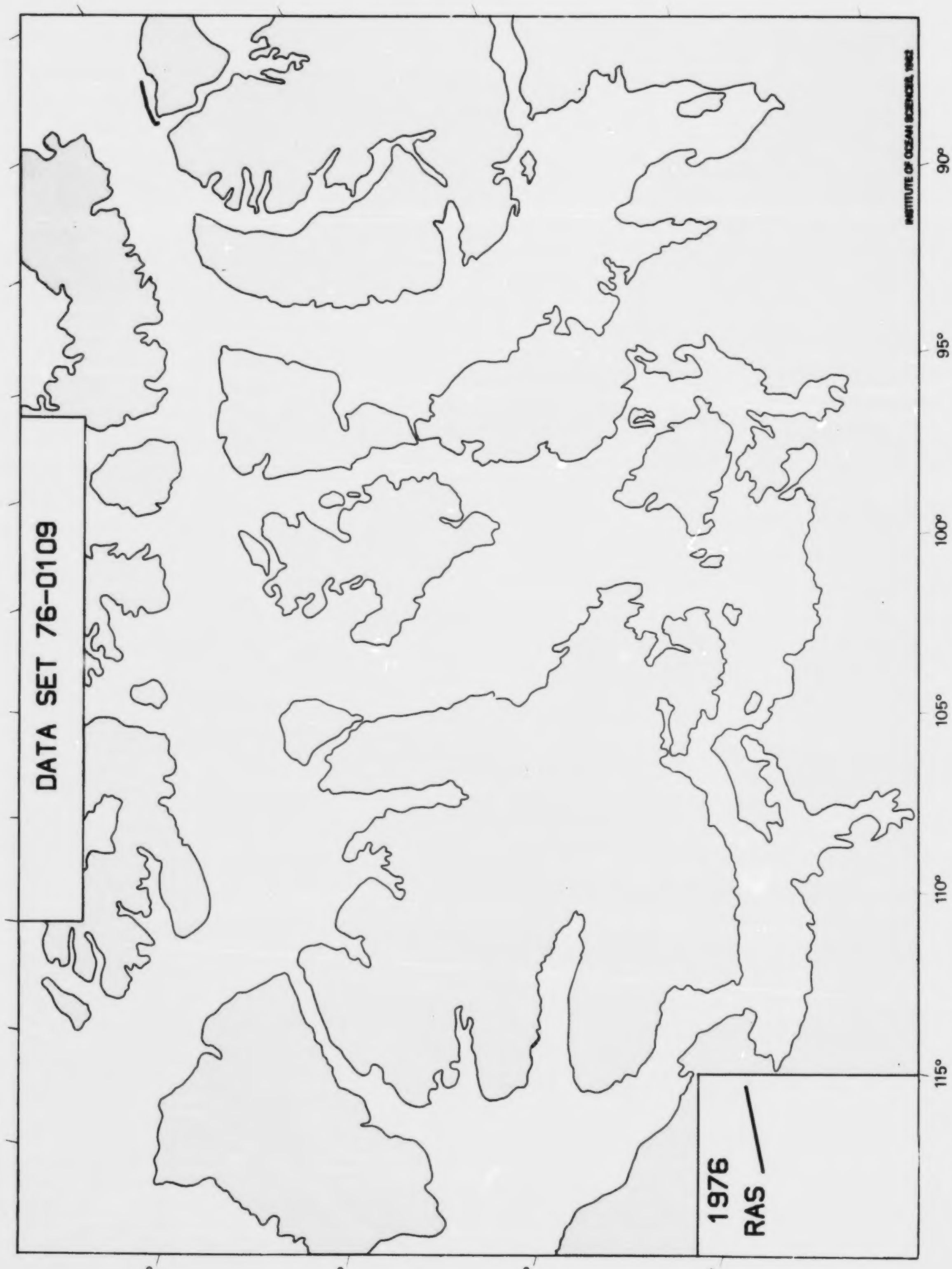
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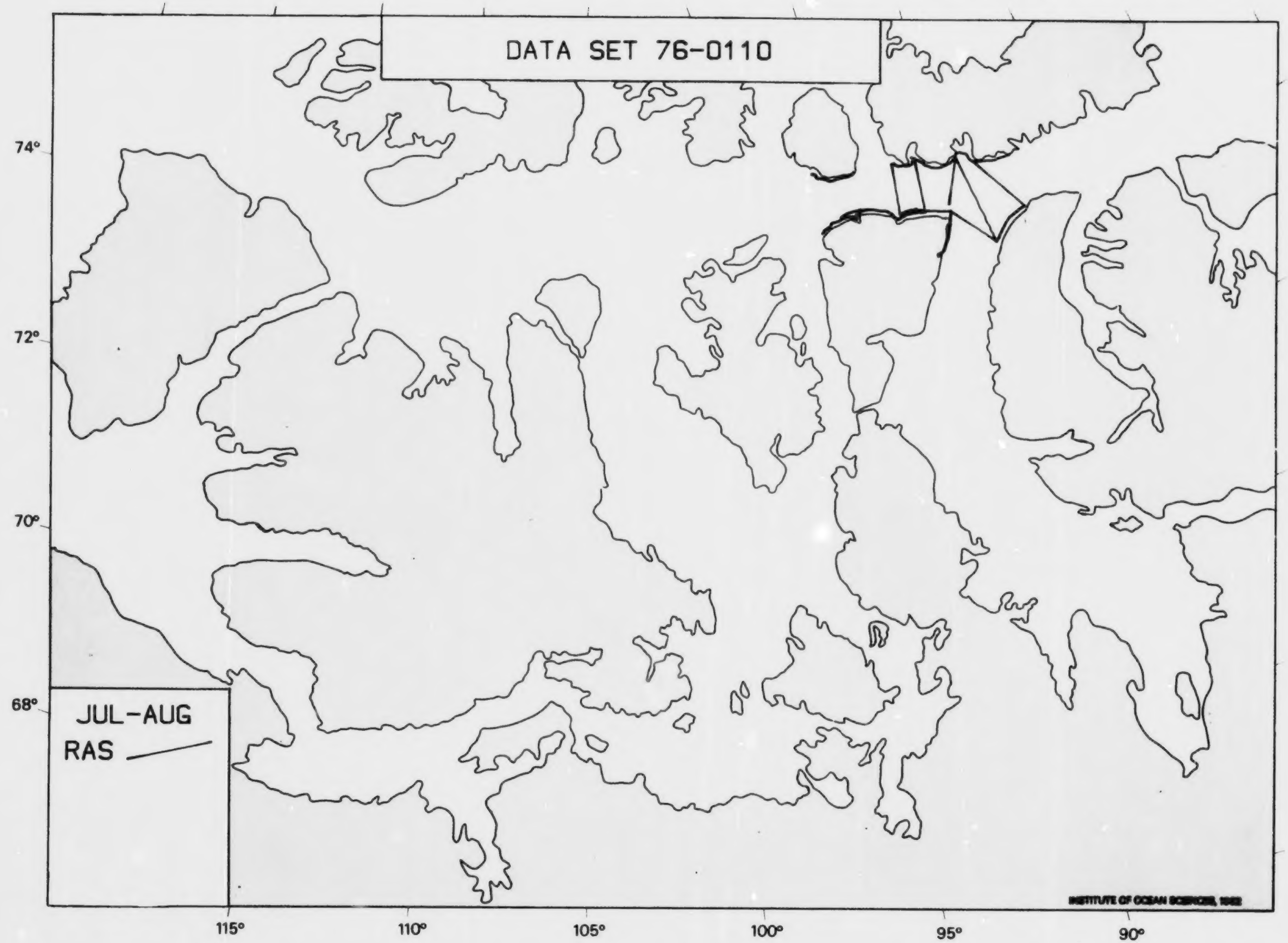
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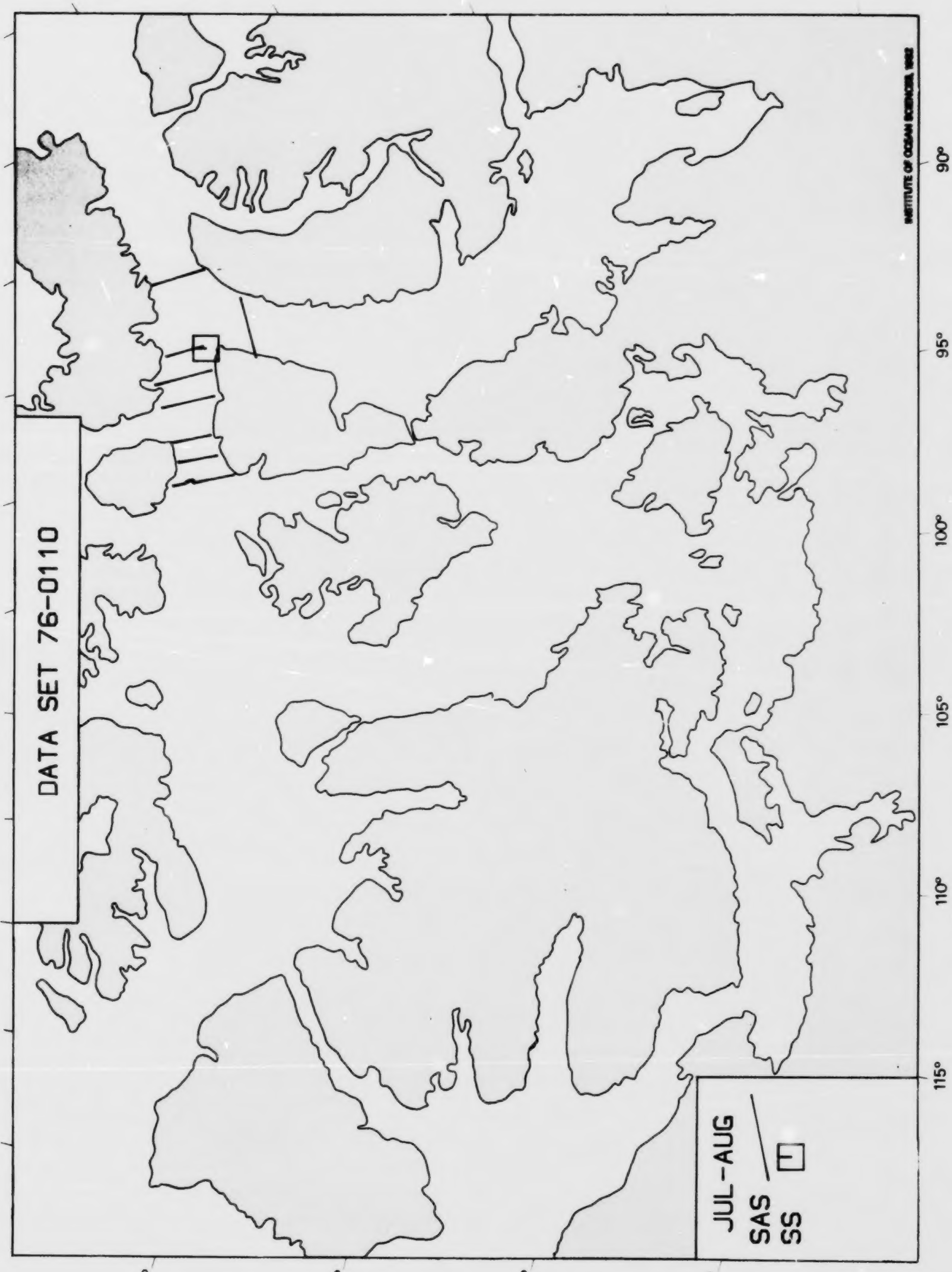
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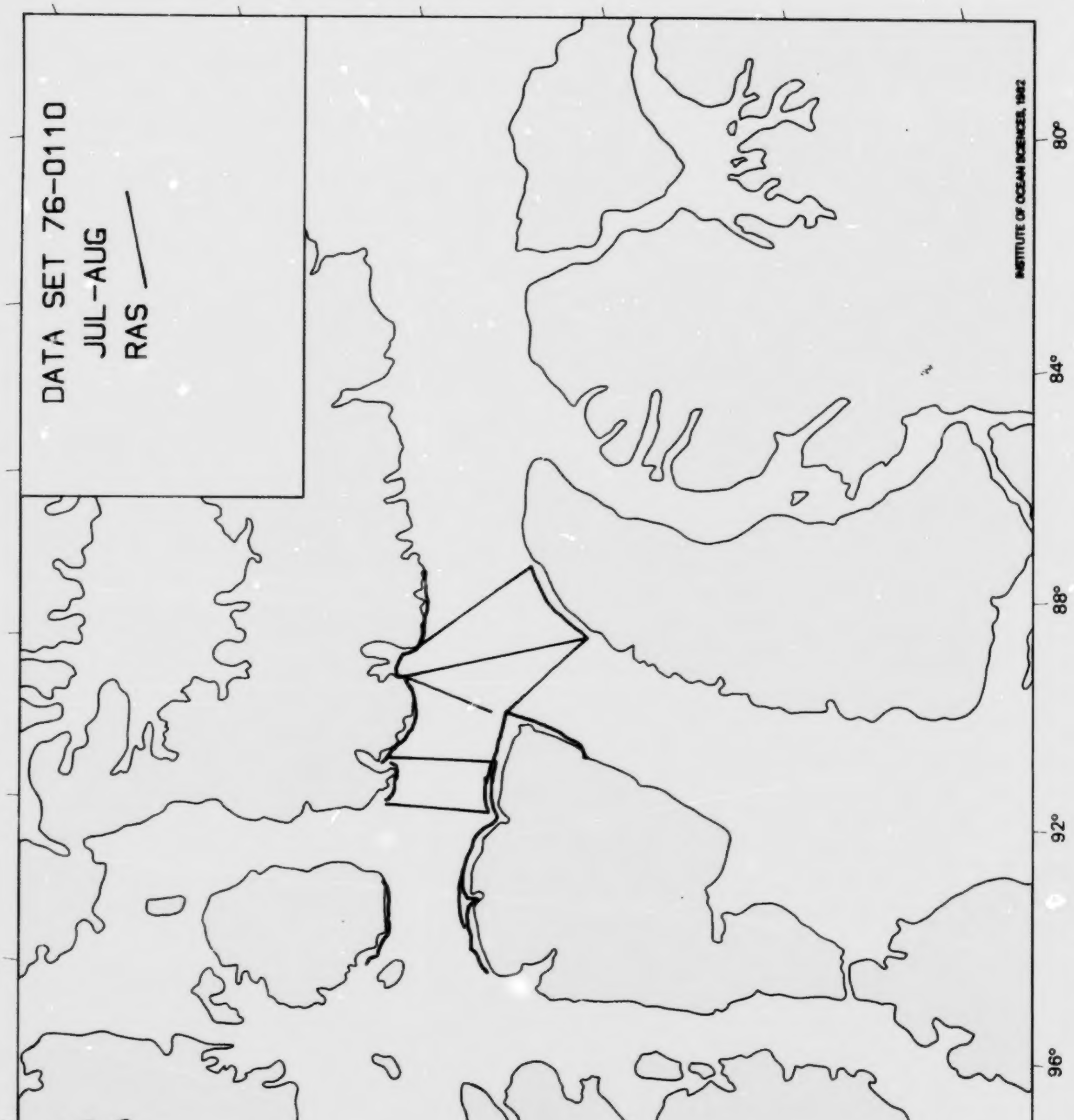
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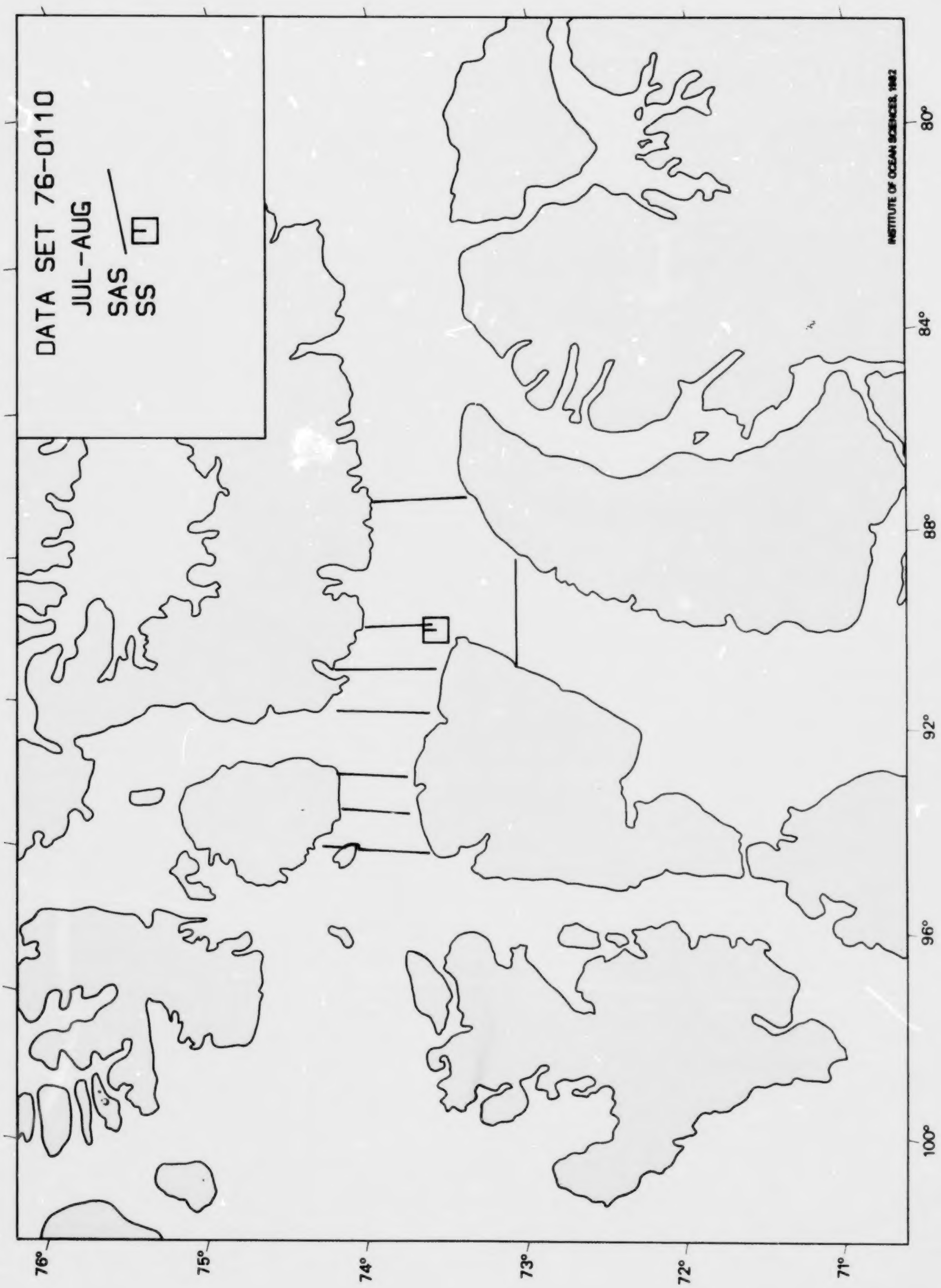
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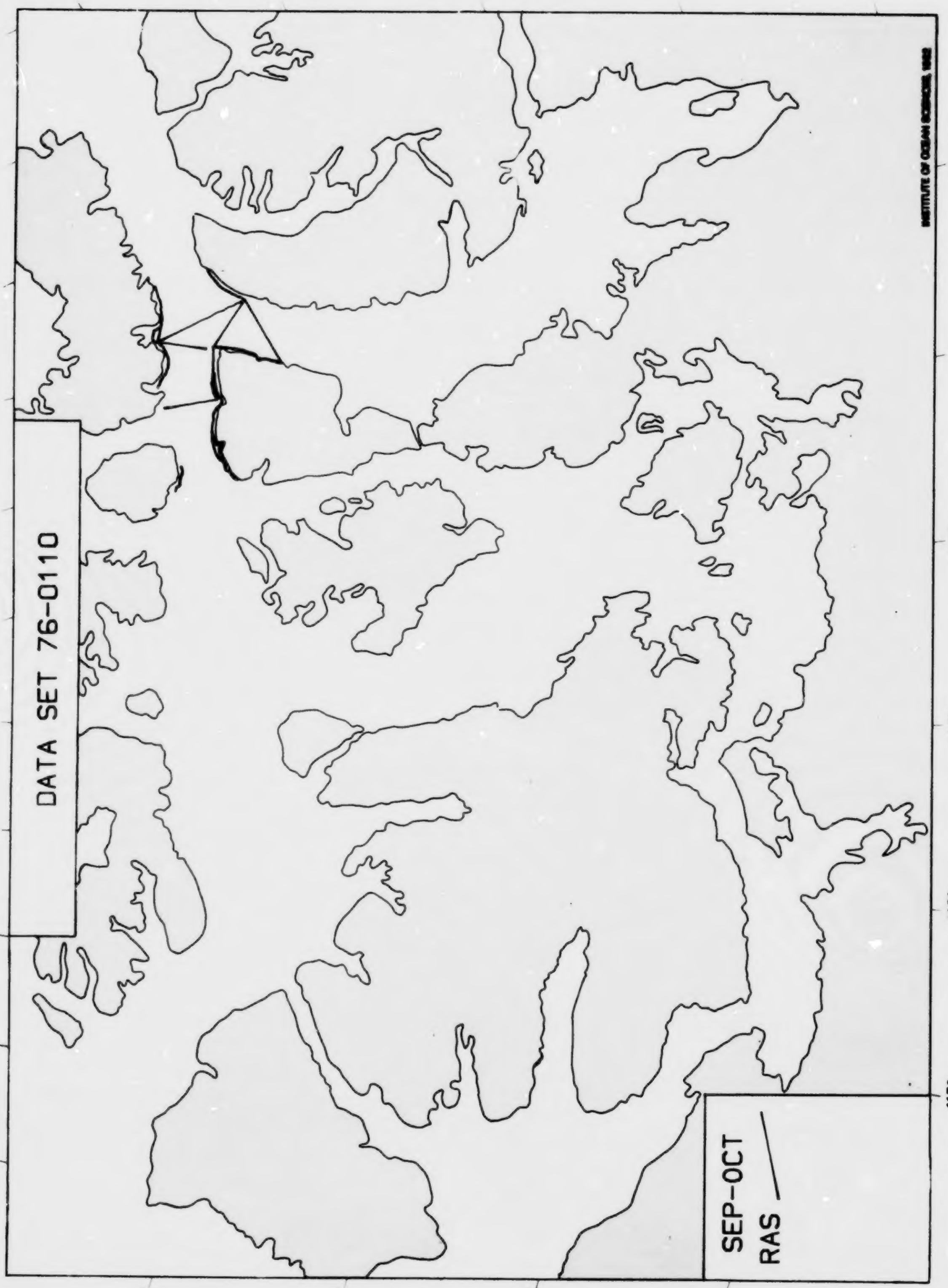
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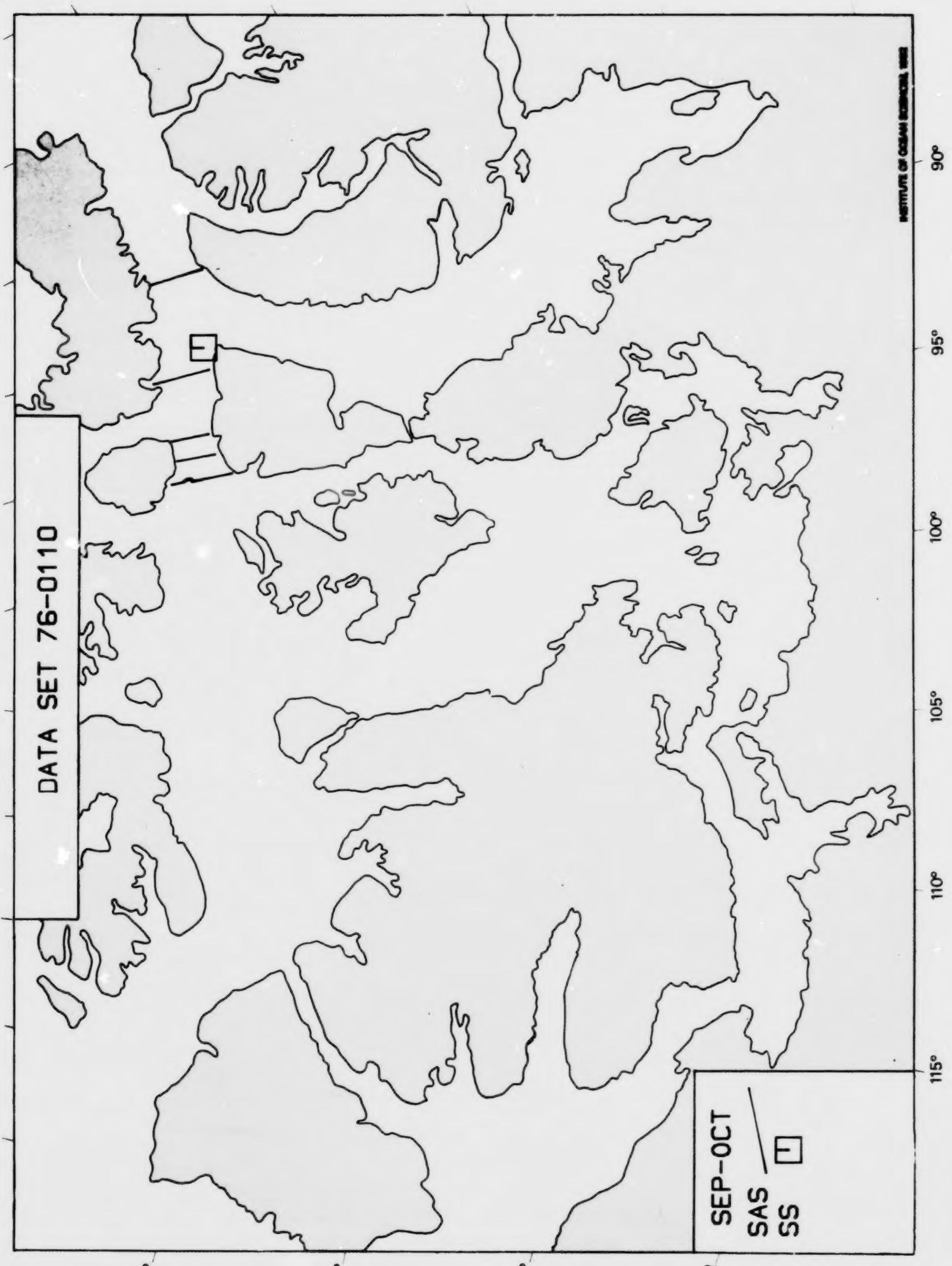

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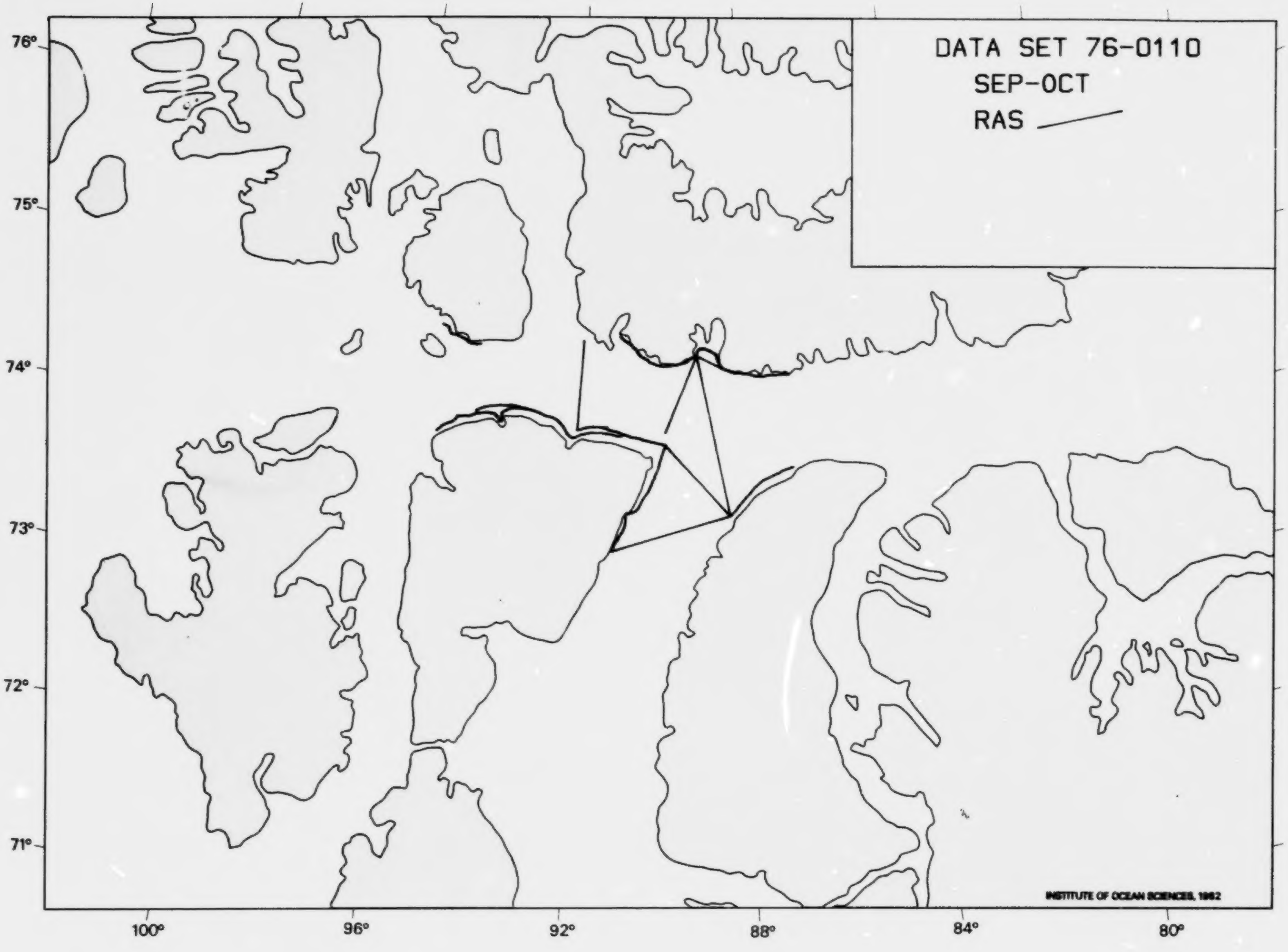
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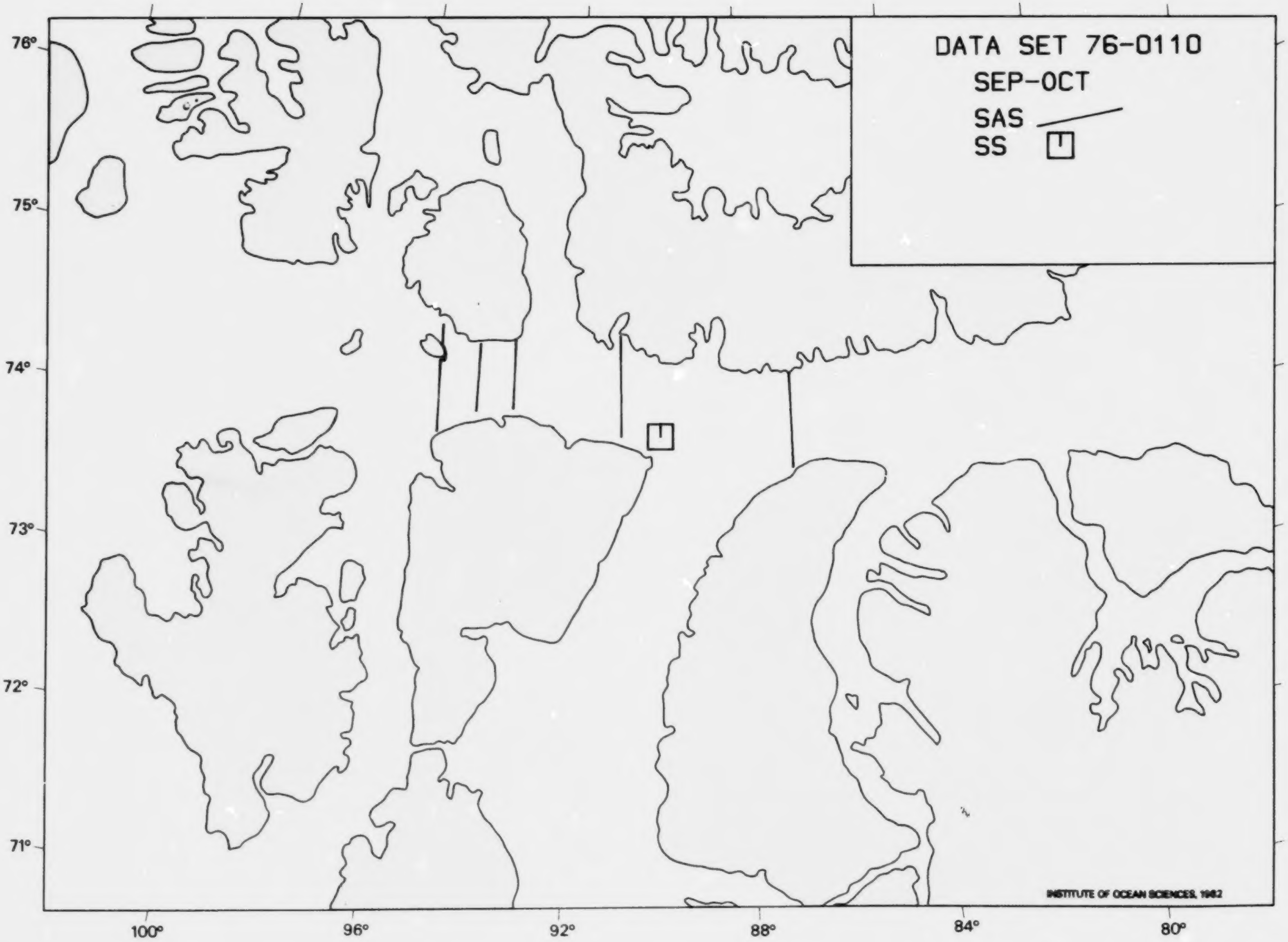
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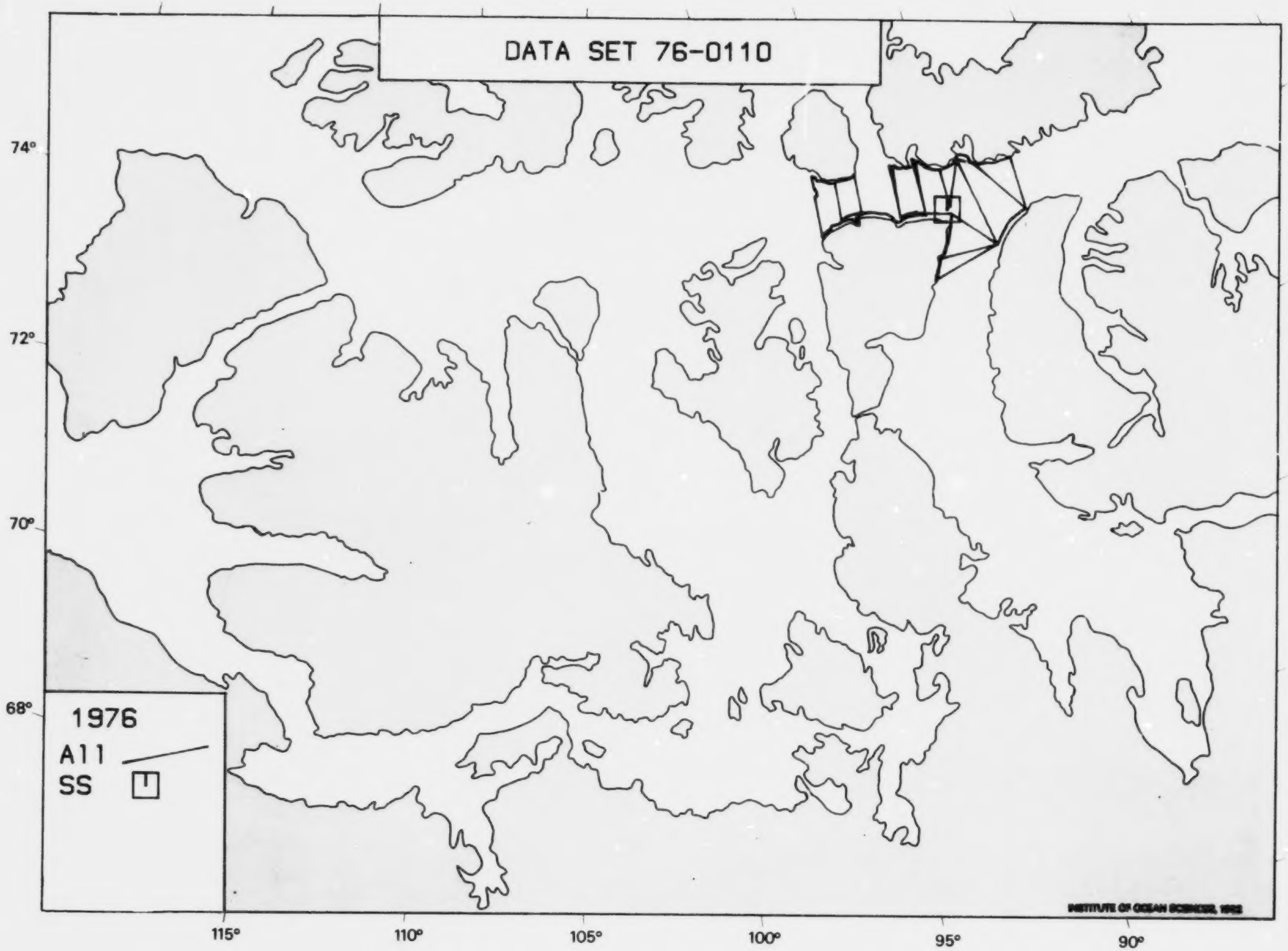
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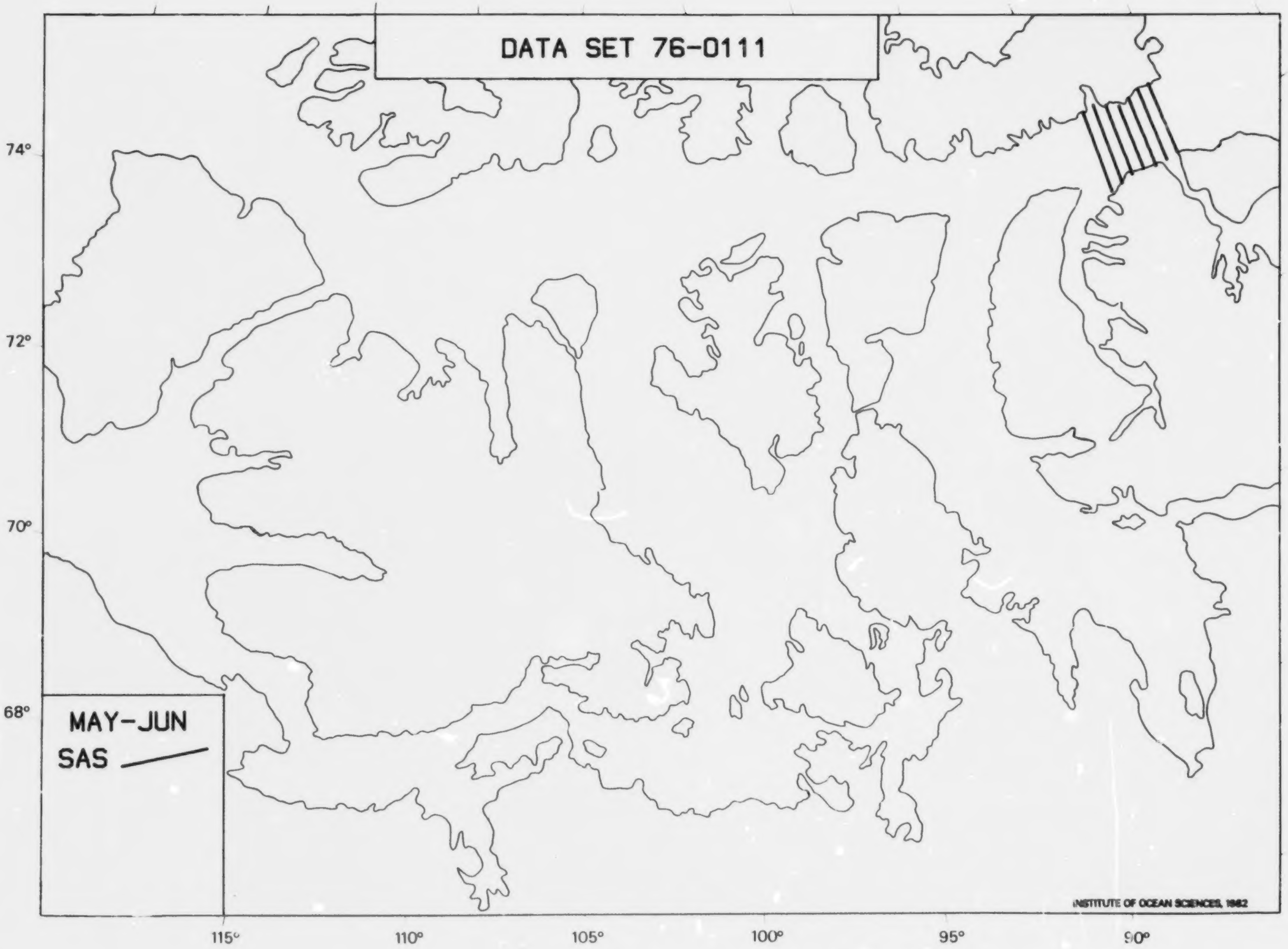
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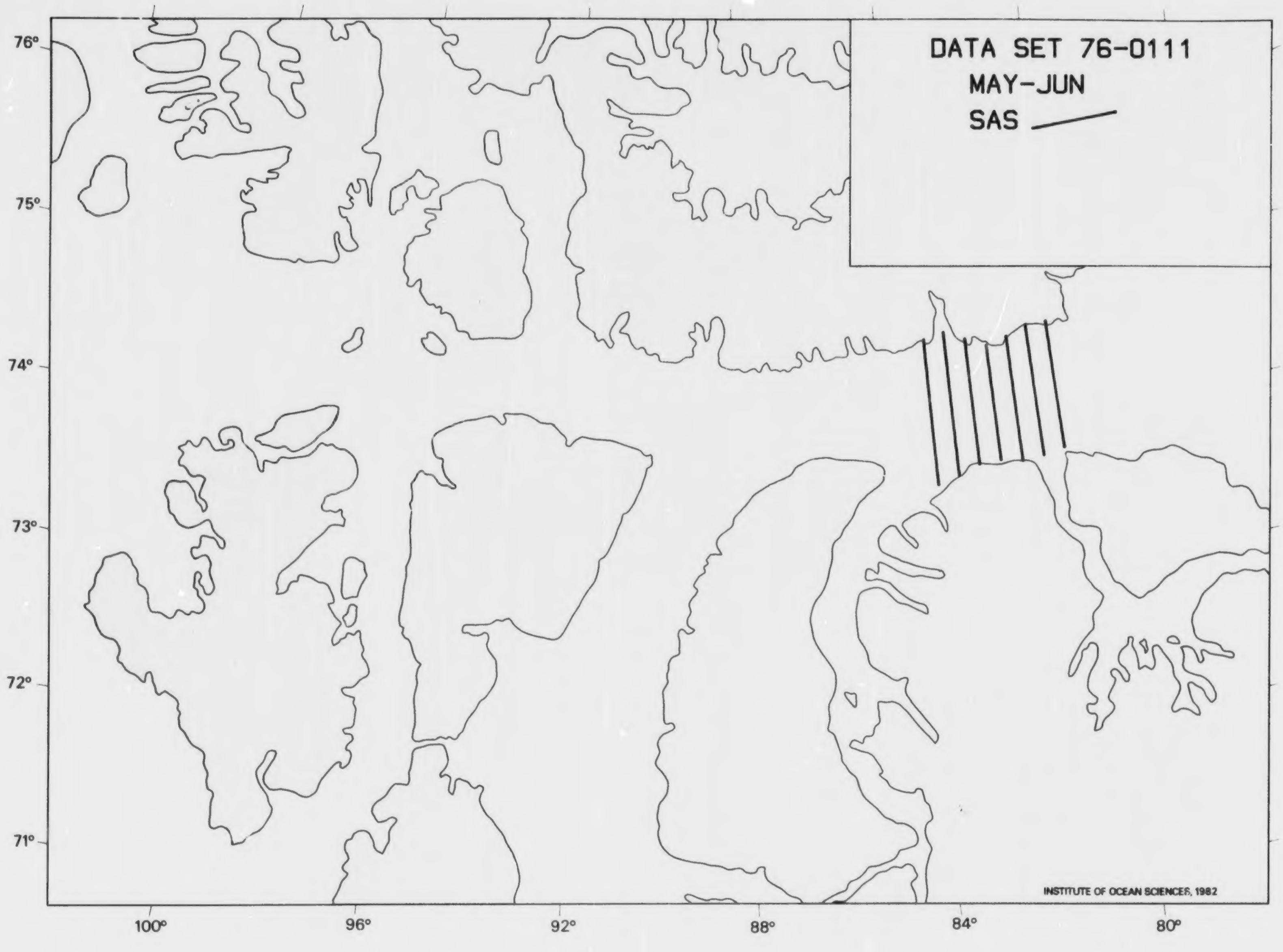
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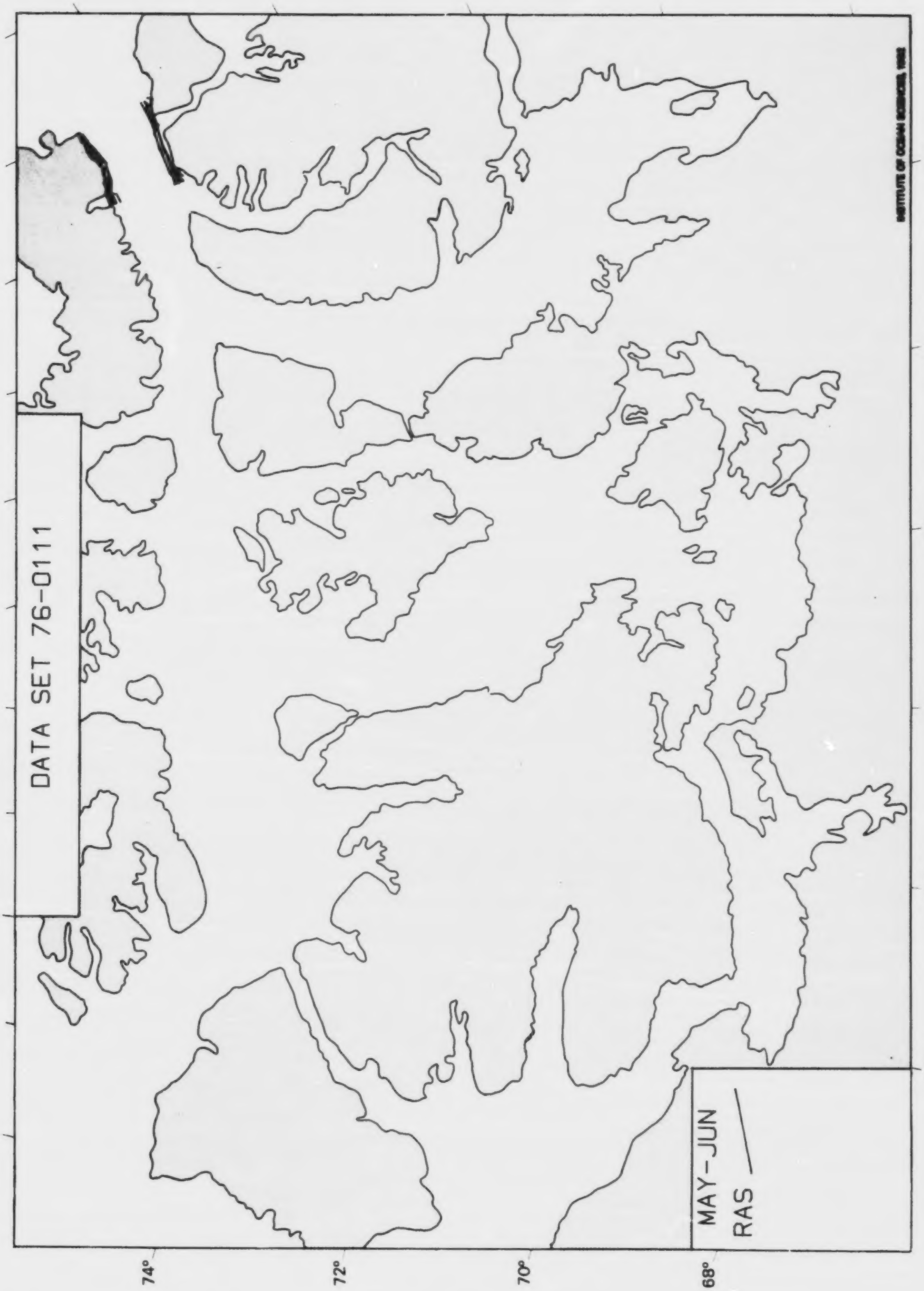
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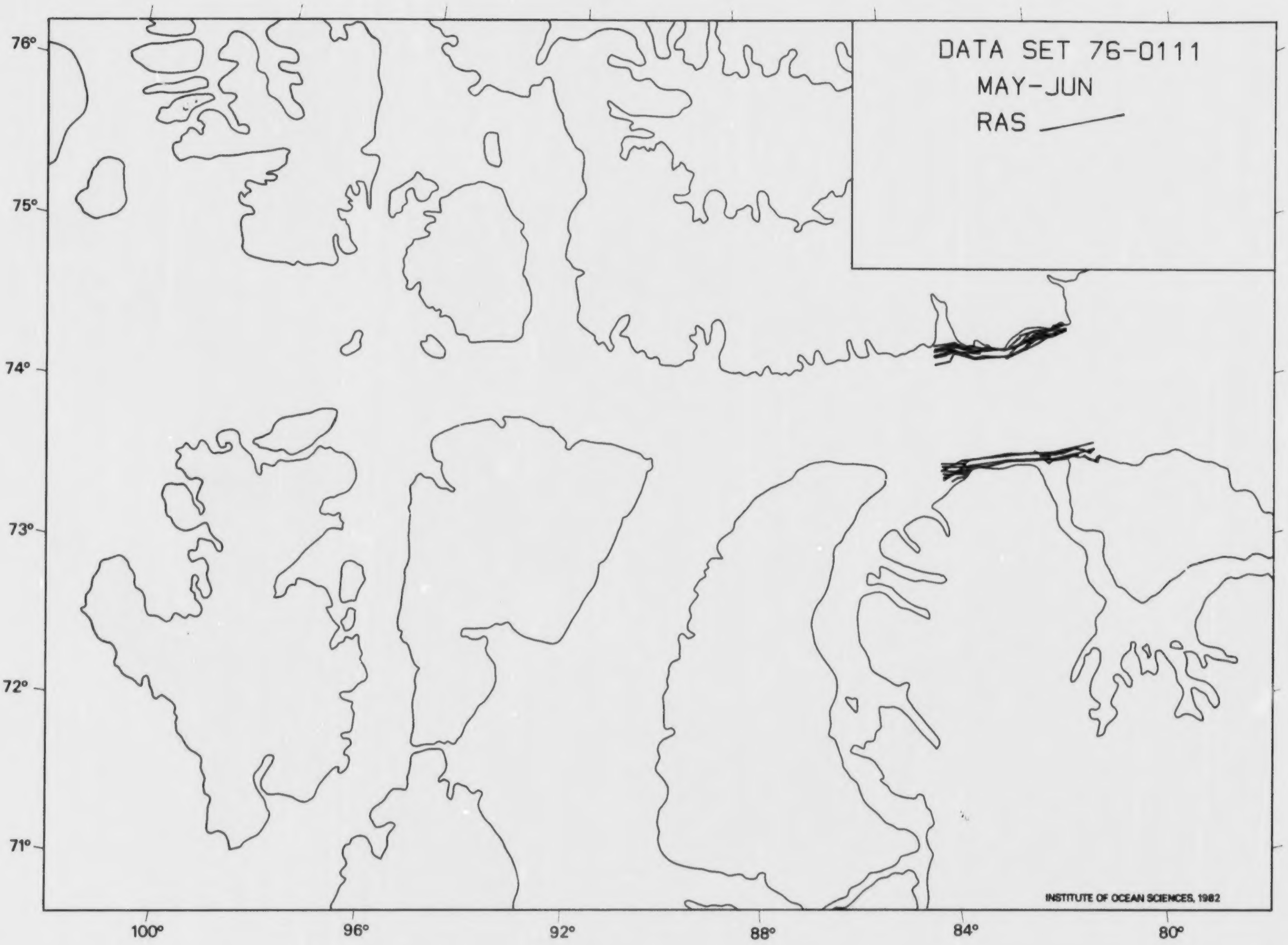
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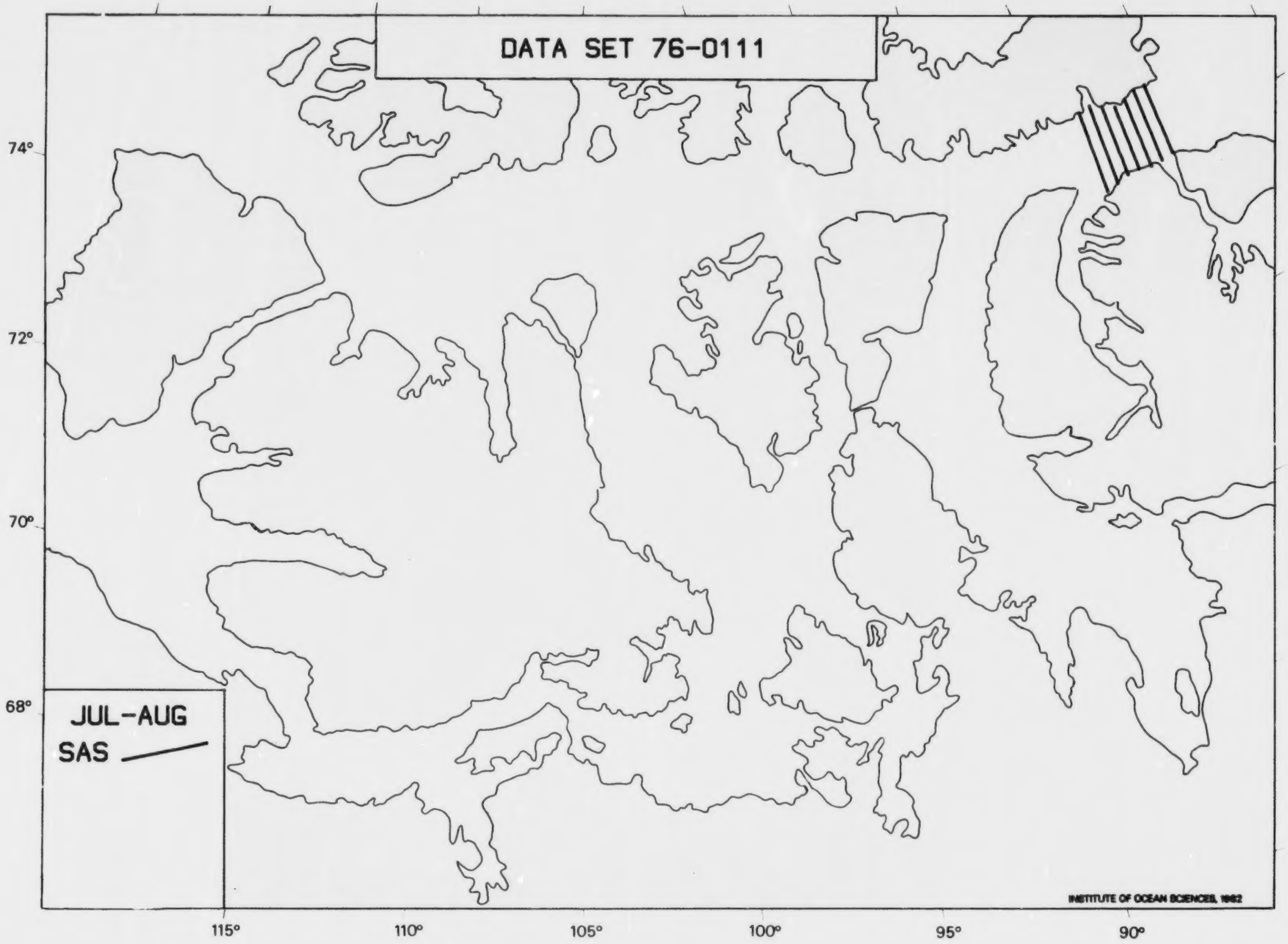
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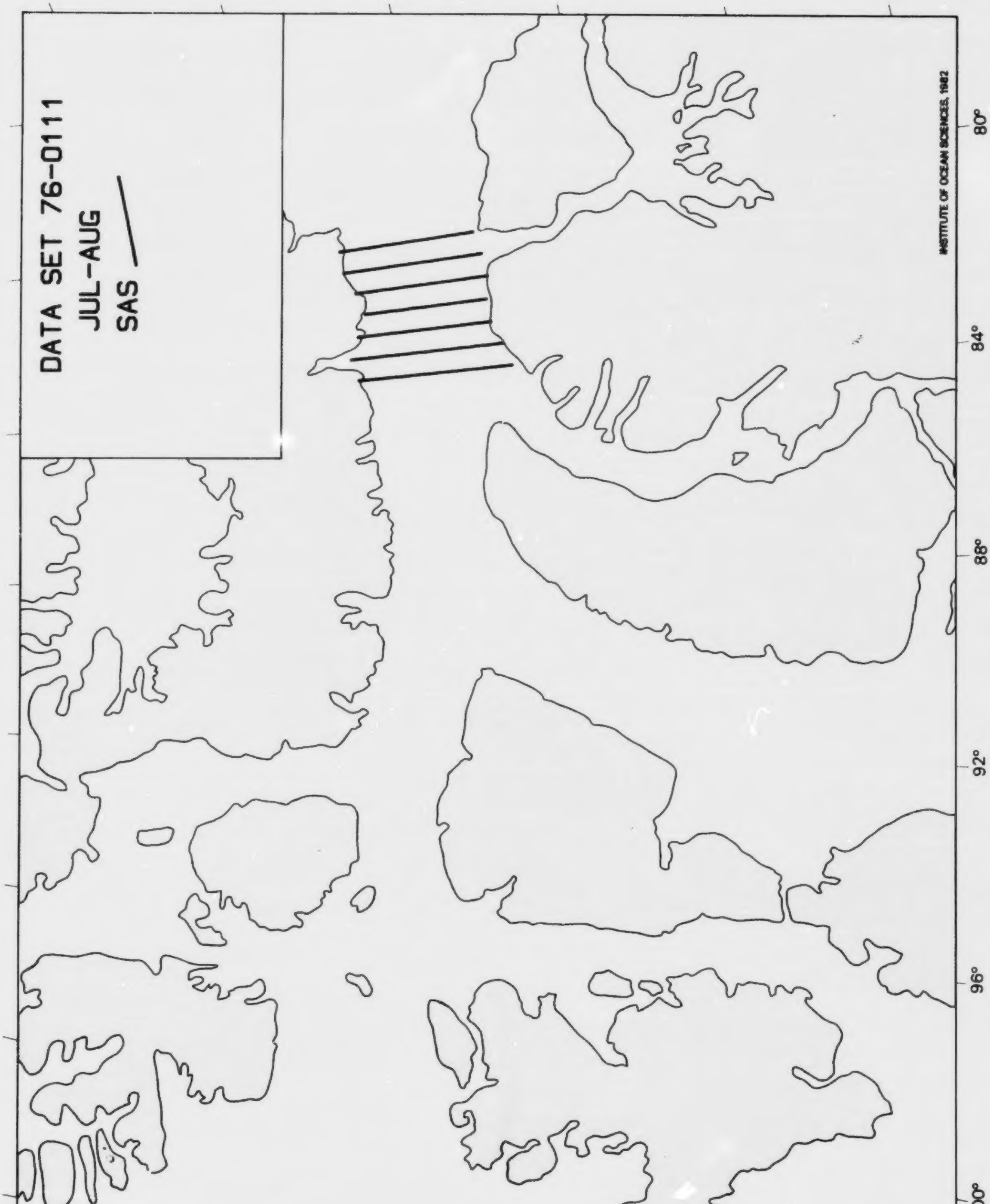
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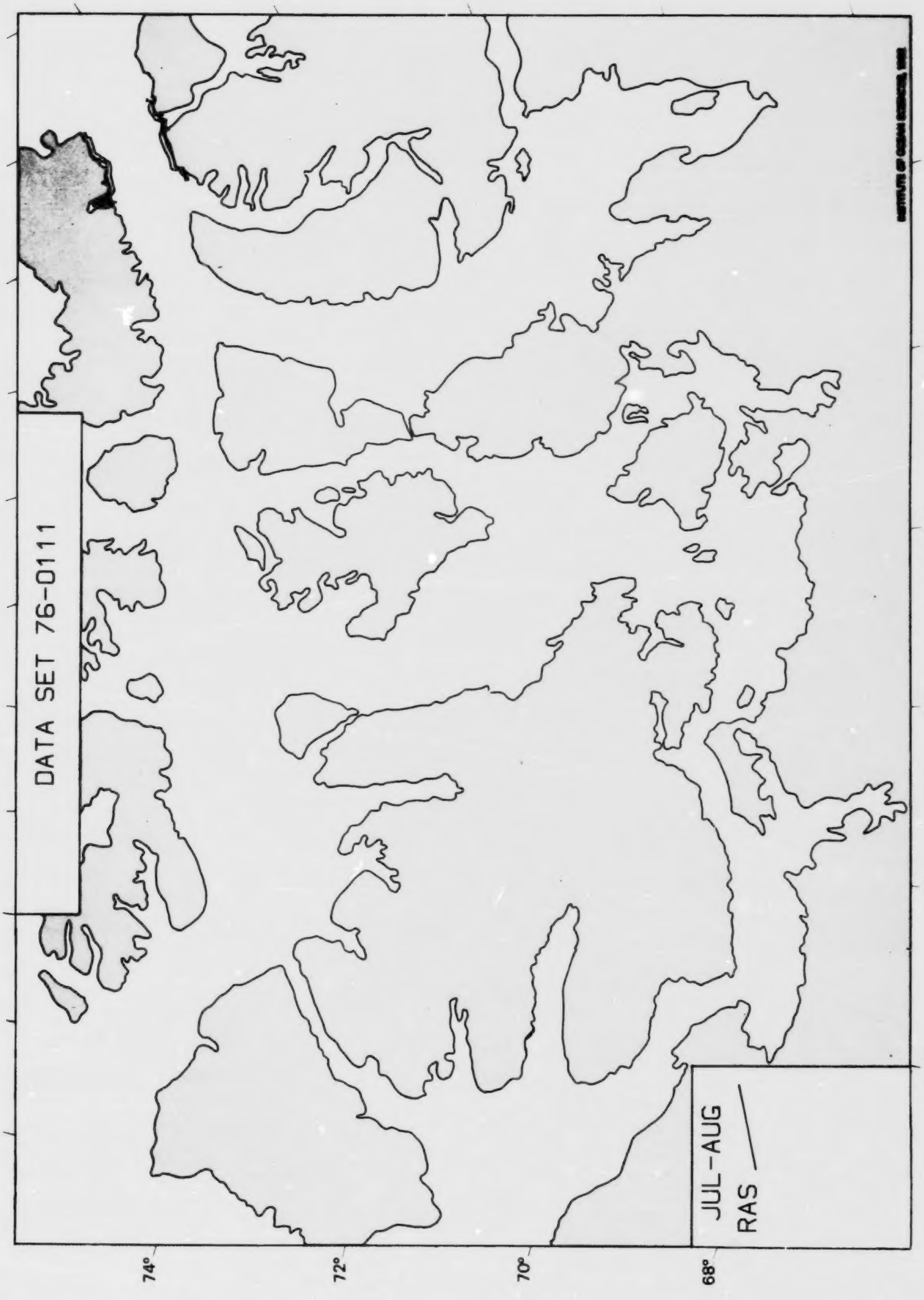
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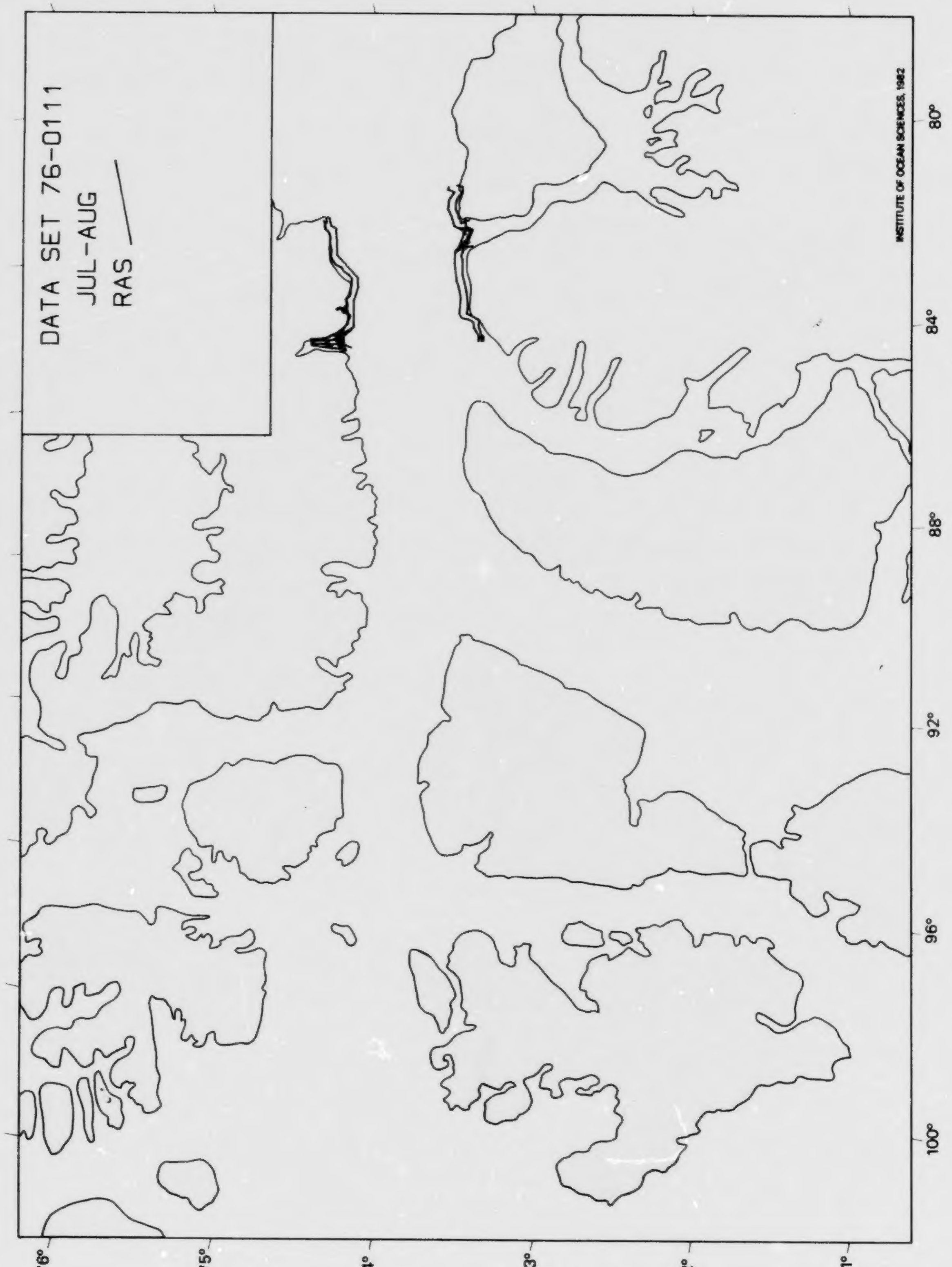
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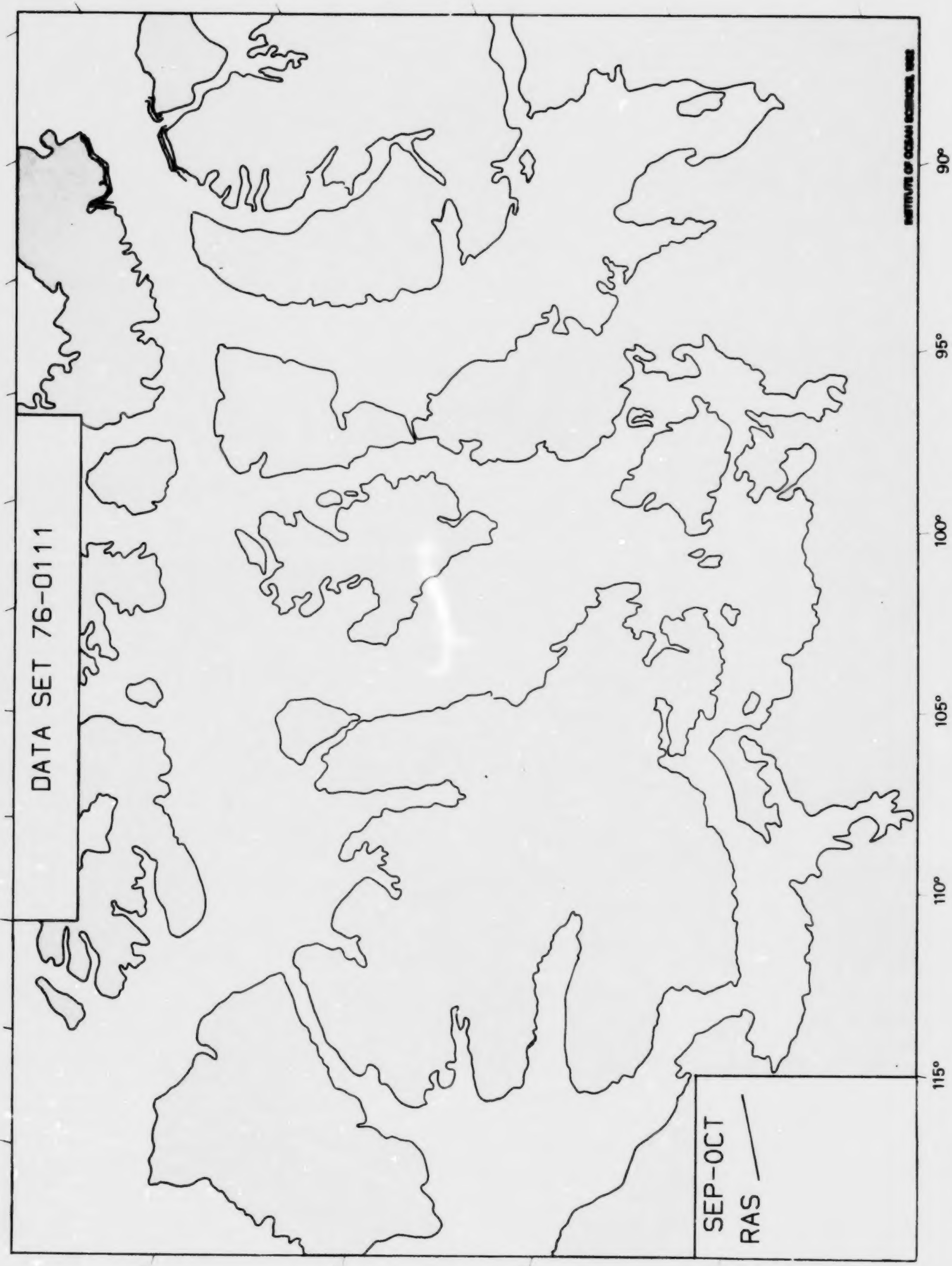
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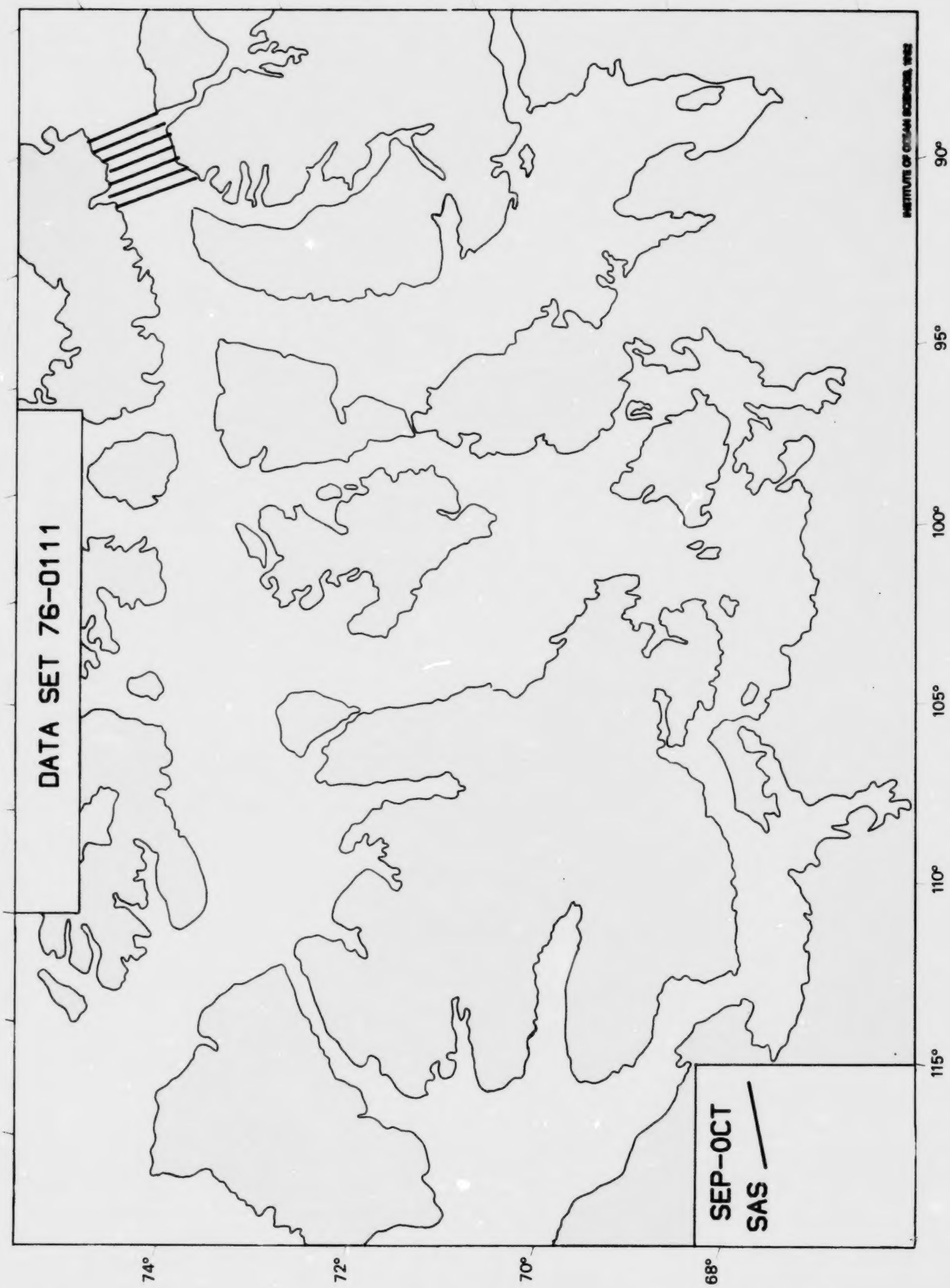
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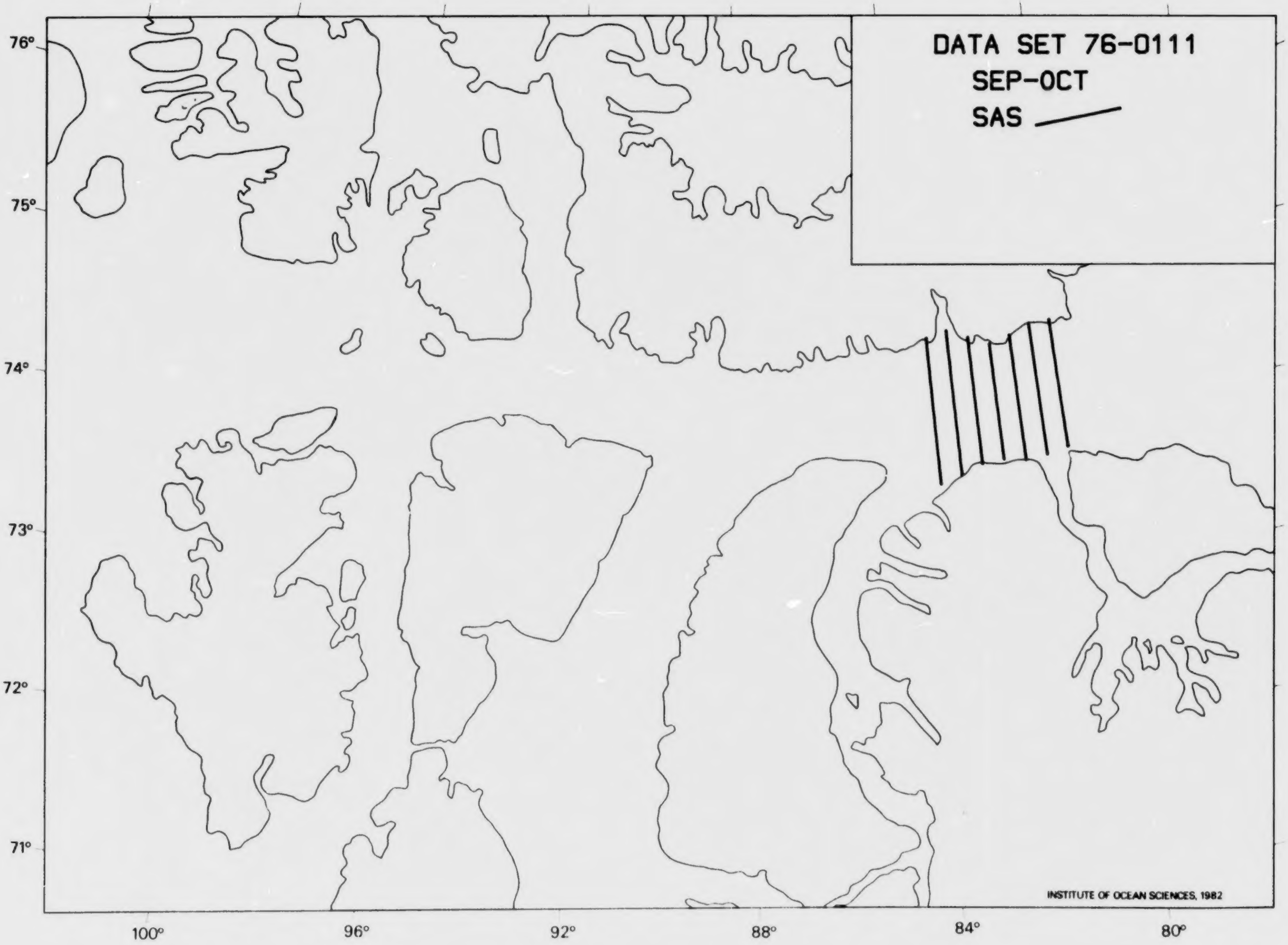
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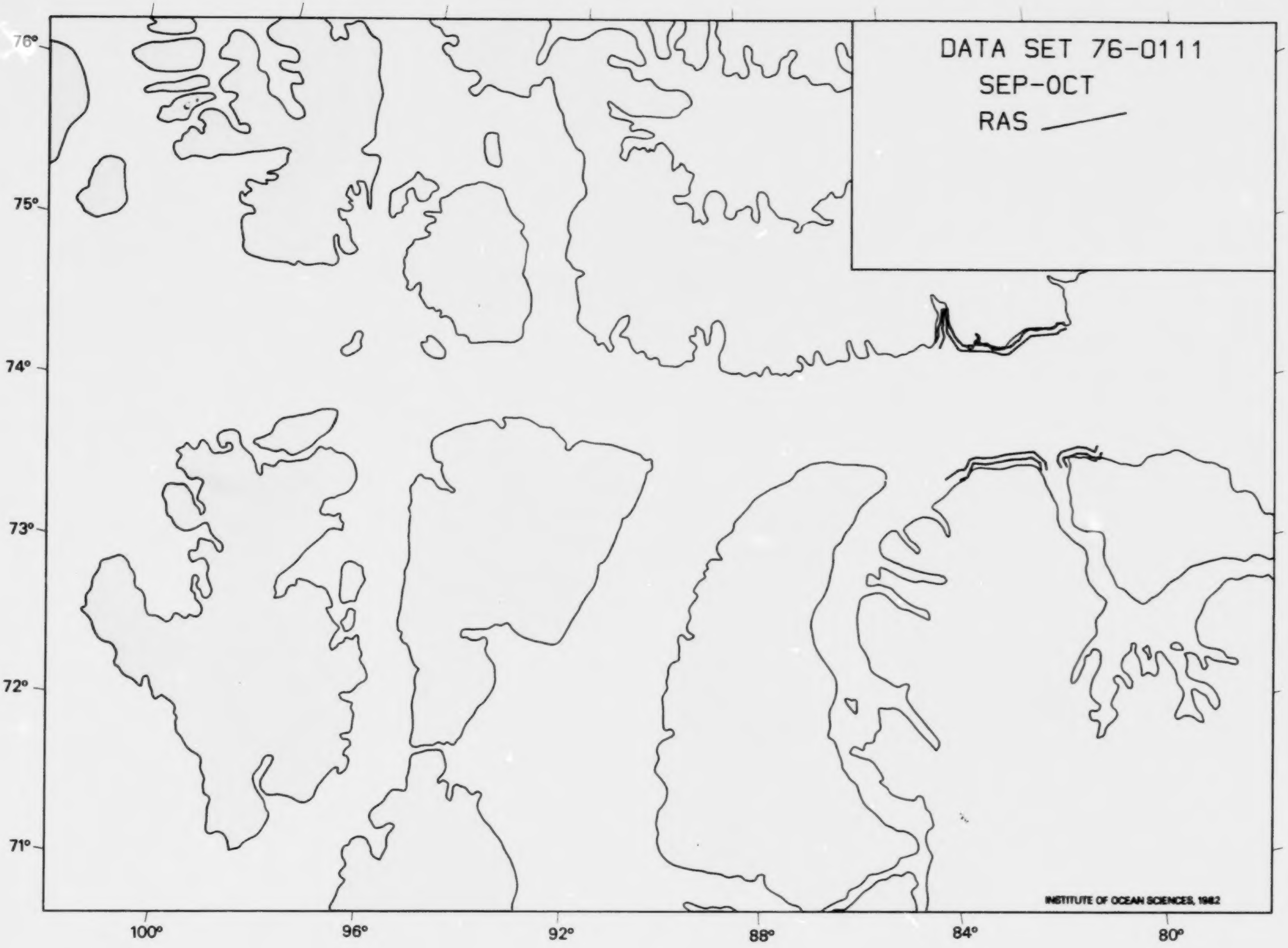
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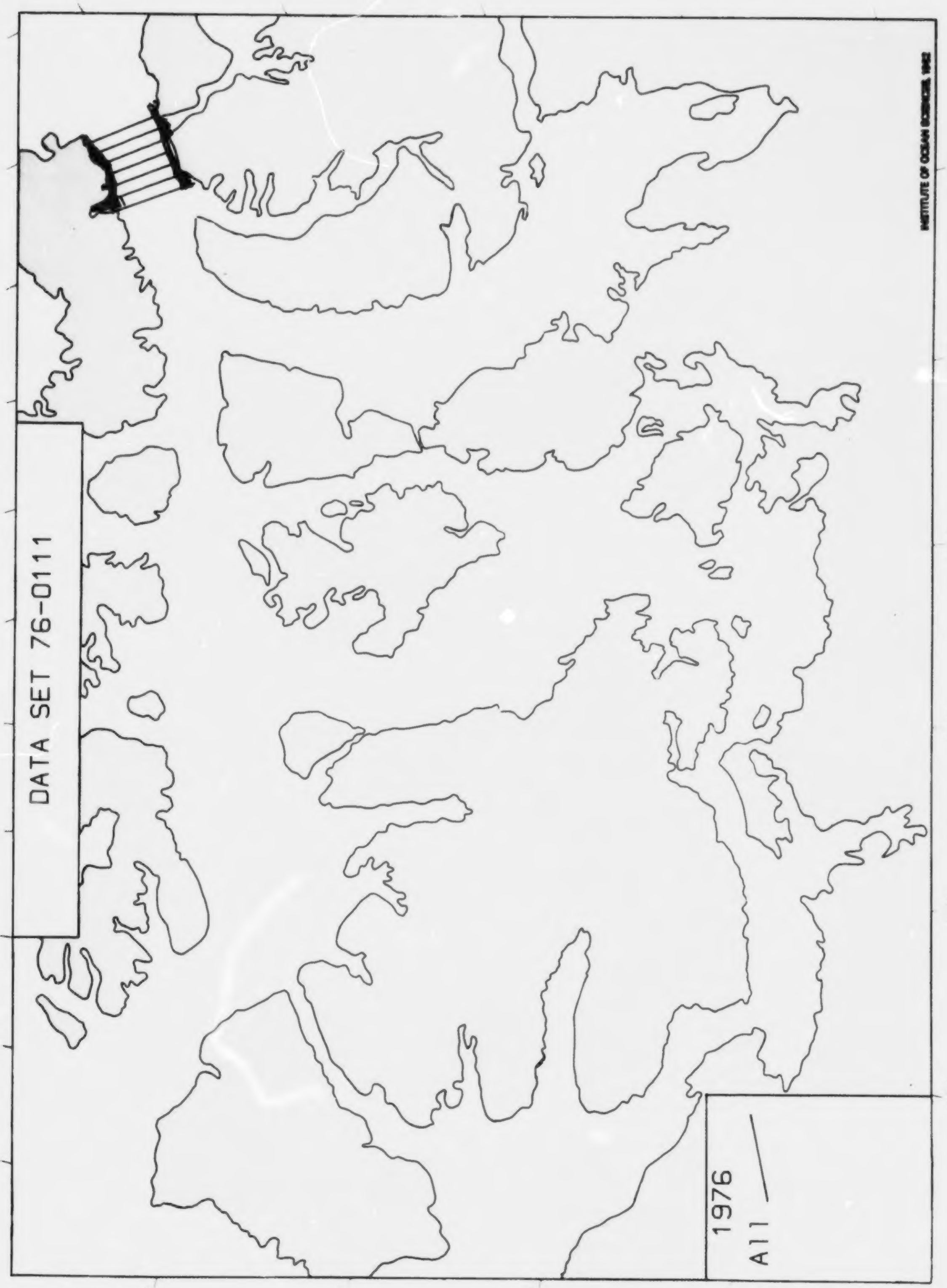
INSTITUTE OF OCEAN SCIENCES, 1982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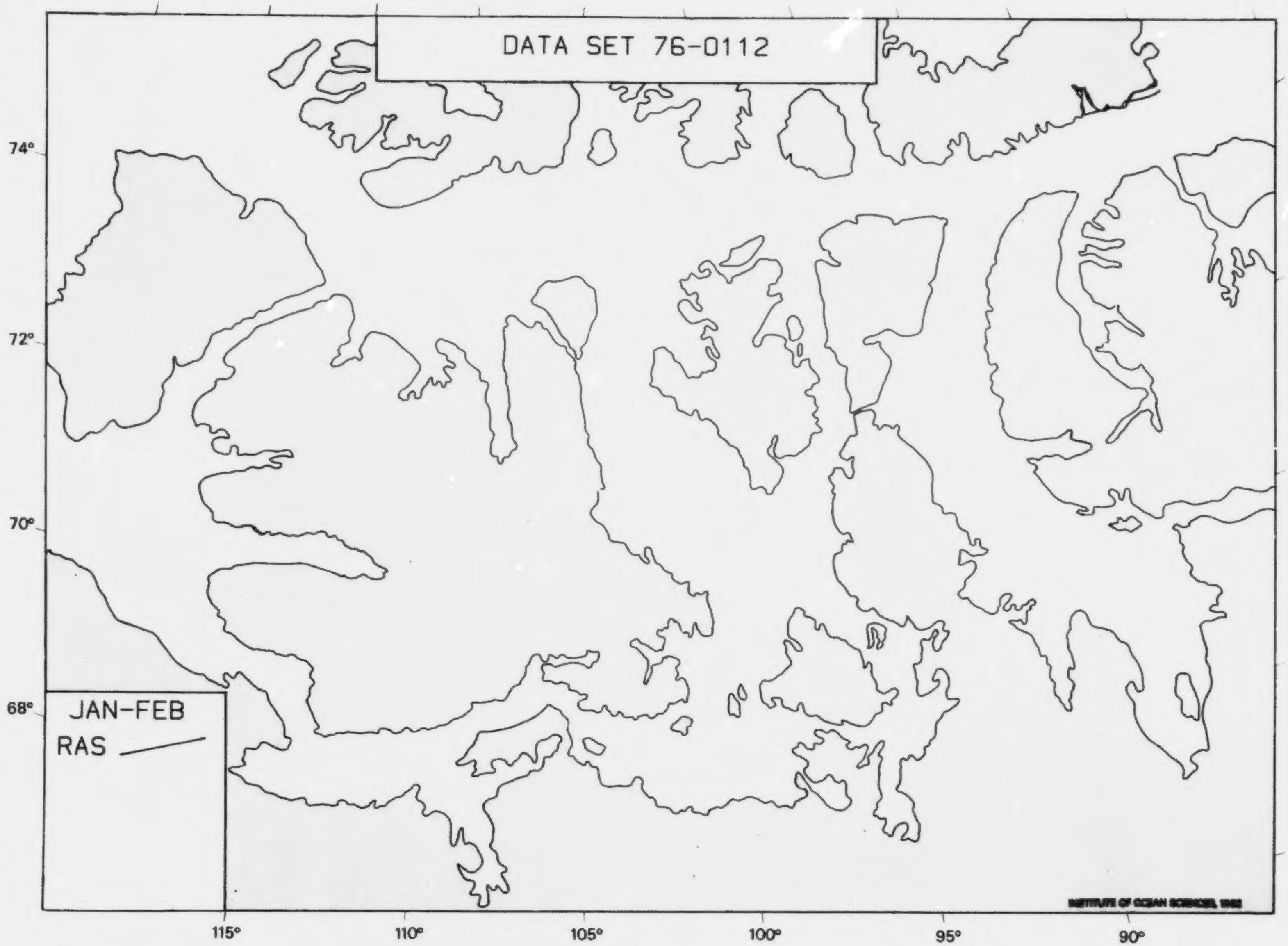
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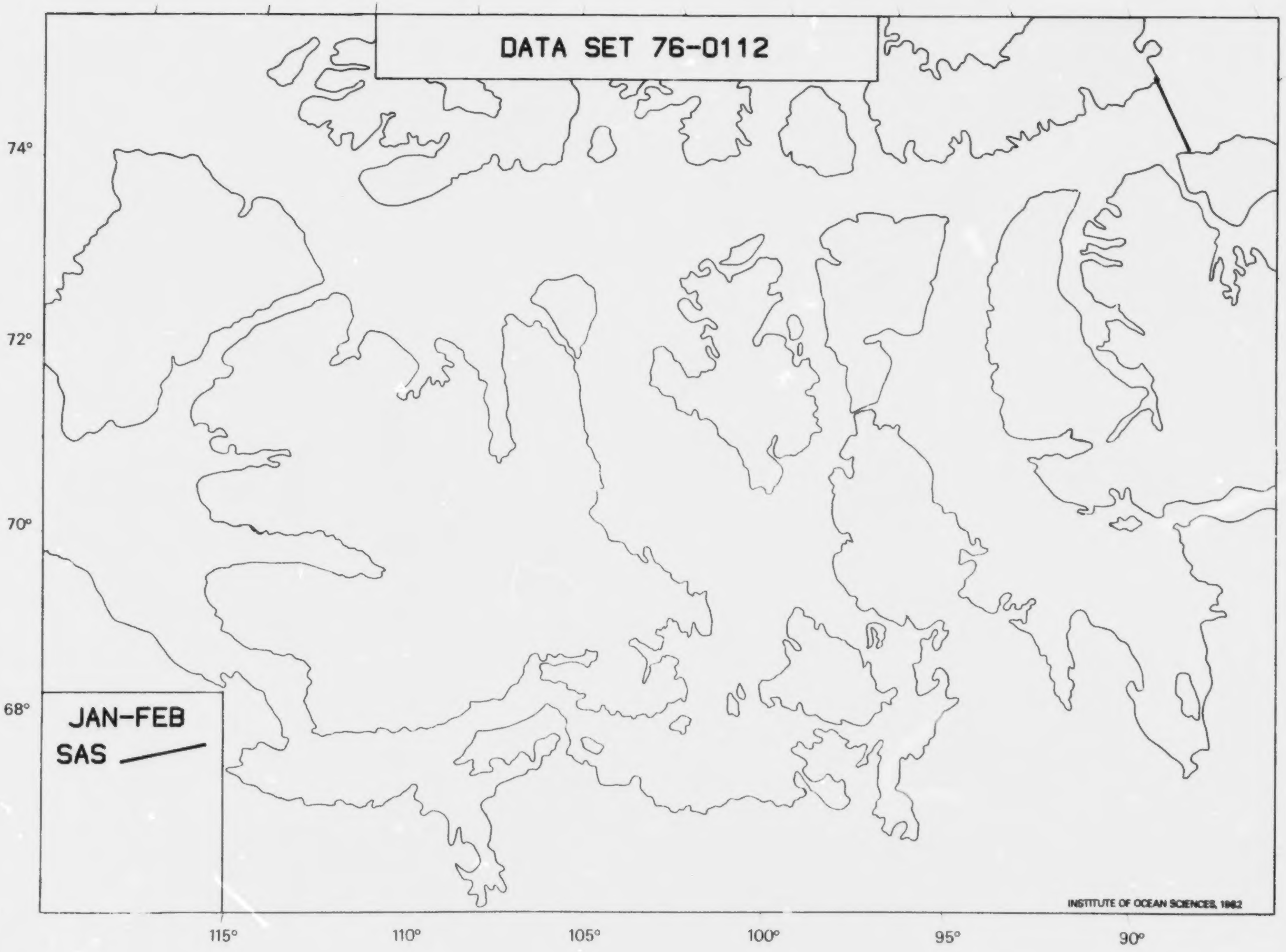
INSTITUTE OF OCEAN SCIENCES, 1982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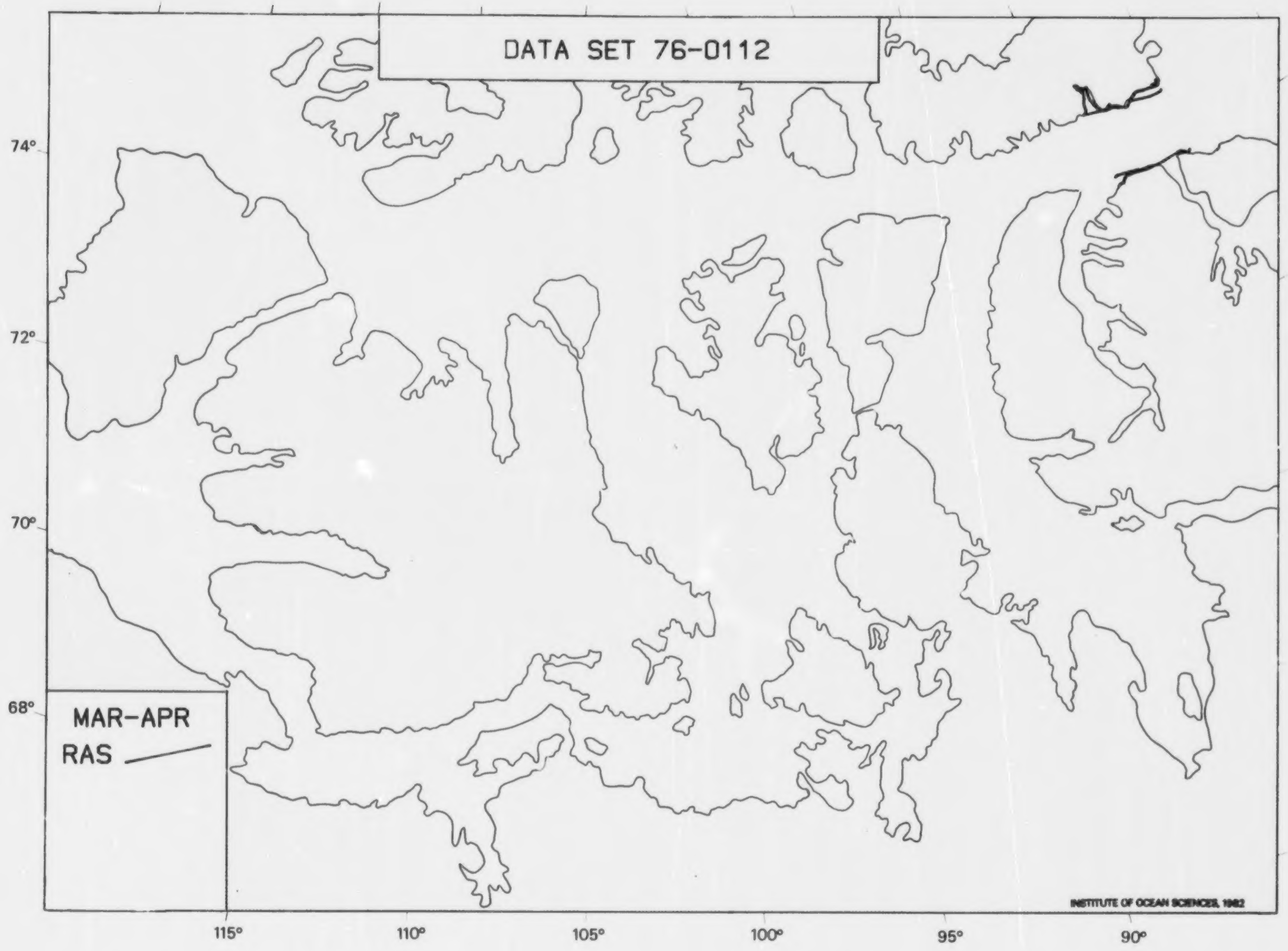
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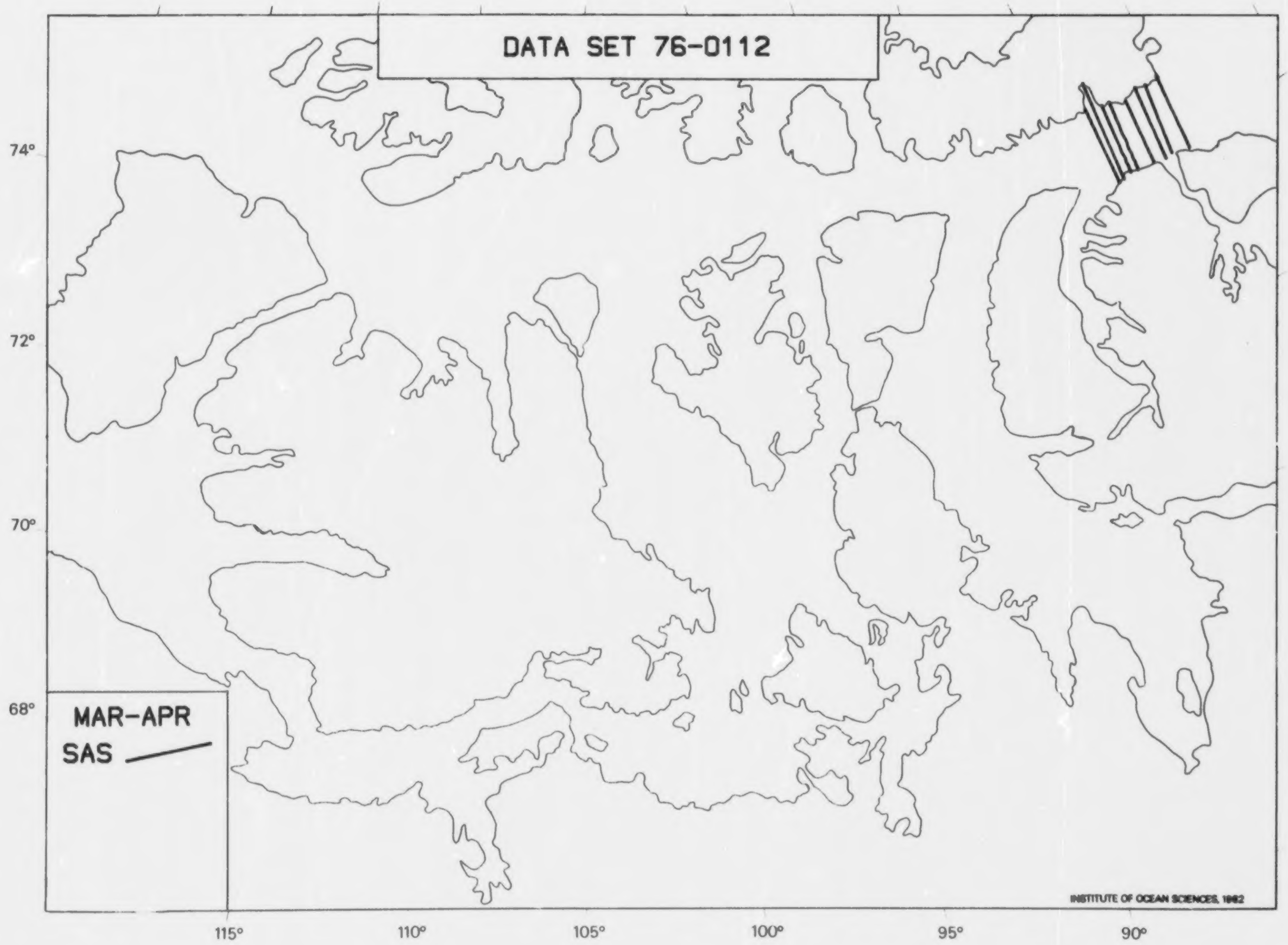
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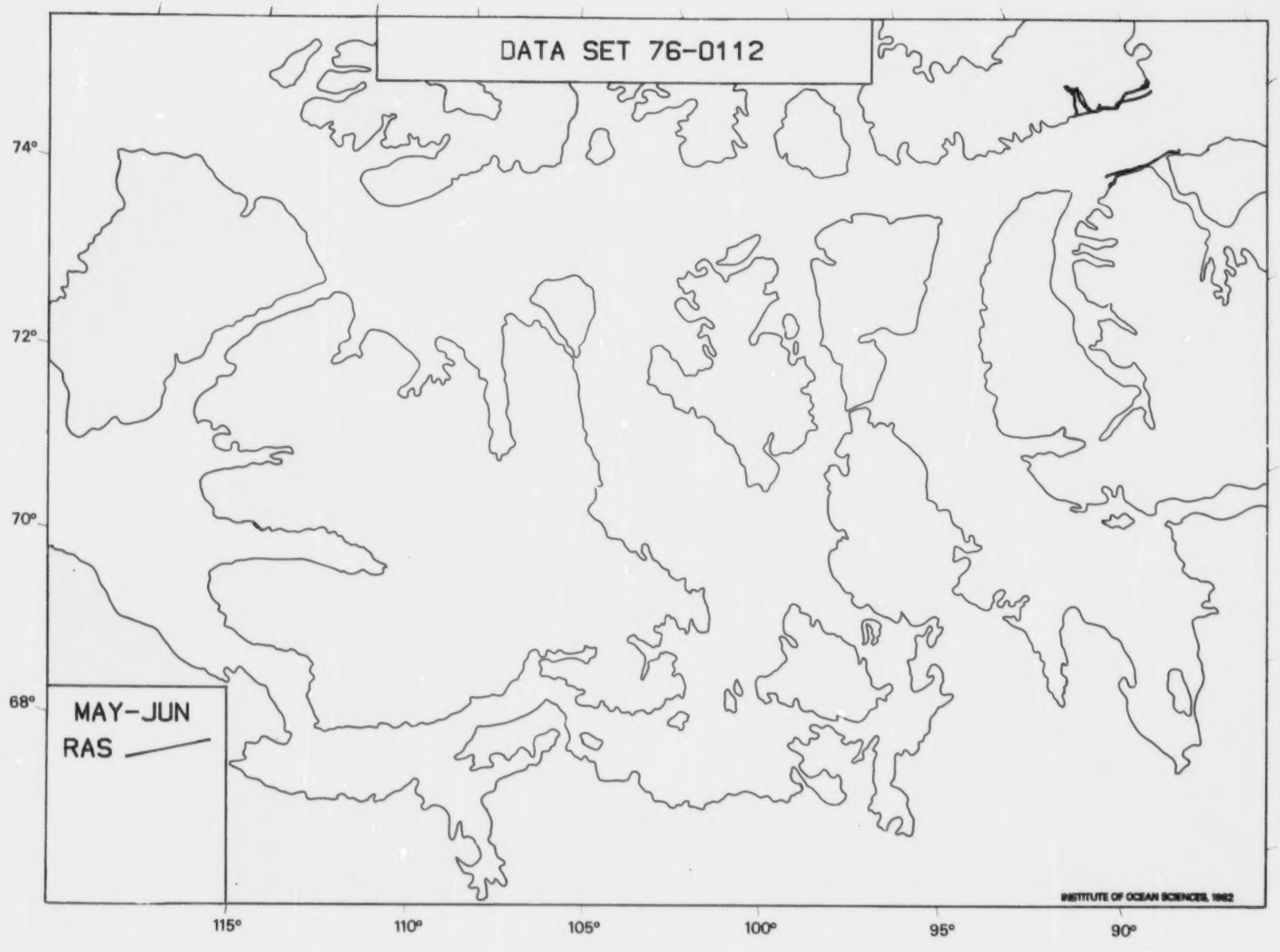
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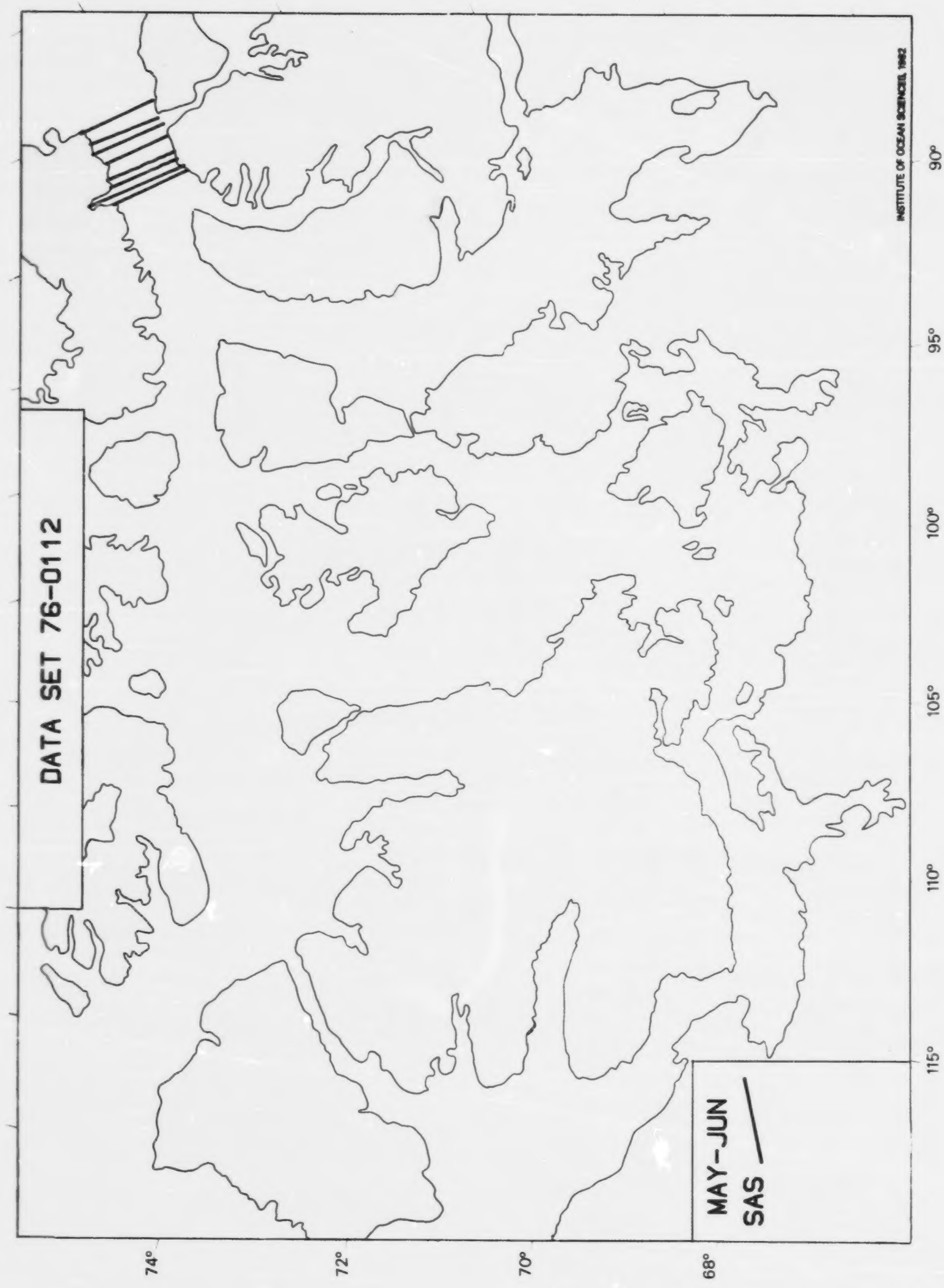
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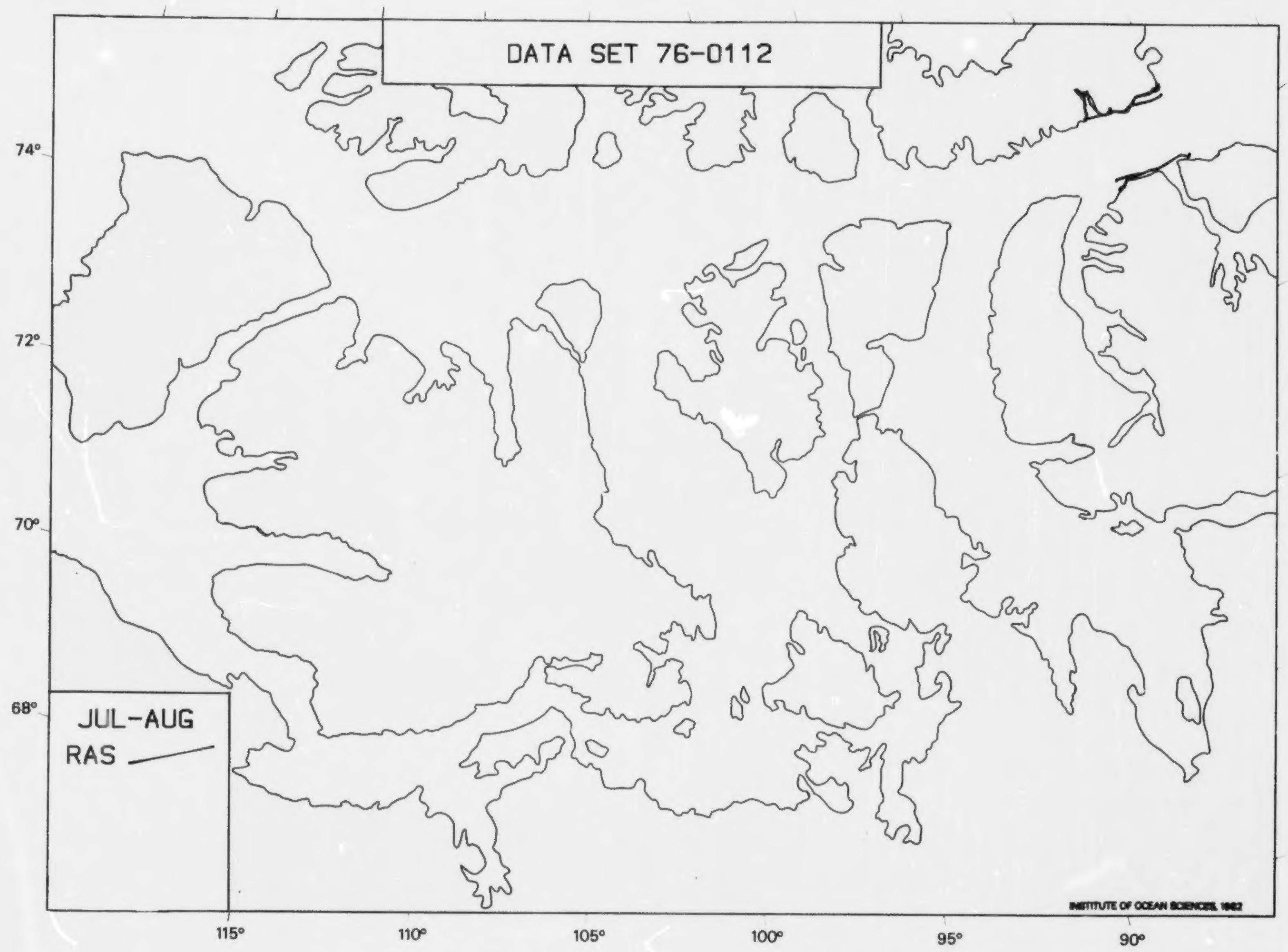
INSTITUTE OF OCEAN SCIENCES, 1982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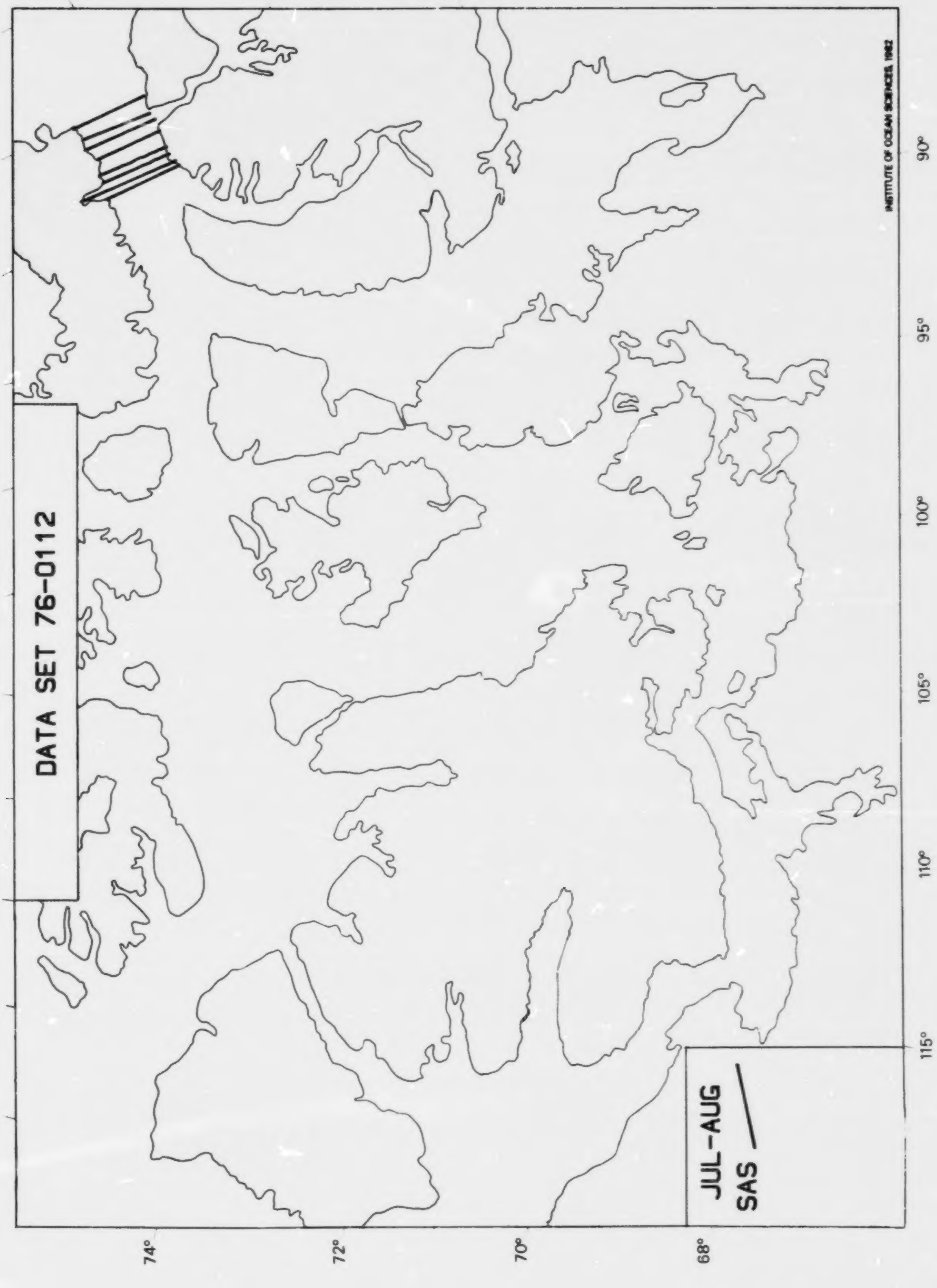
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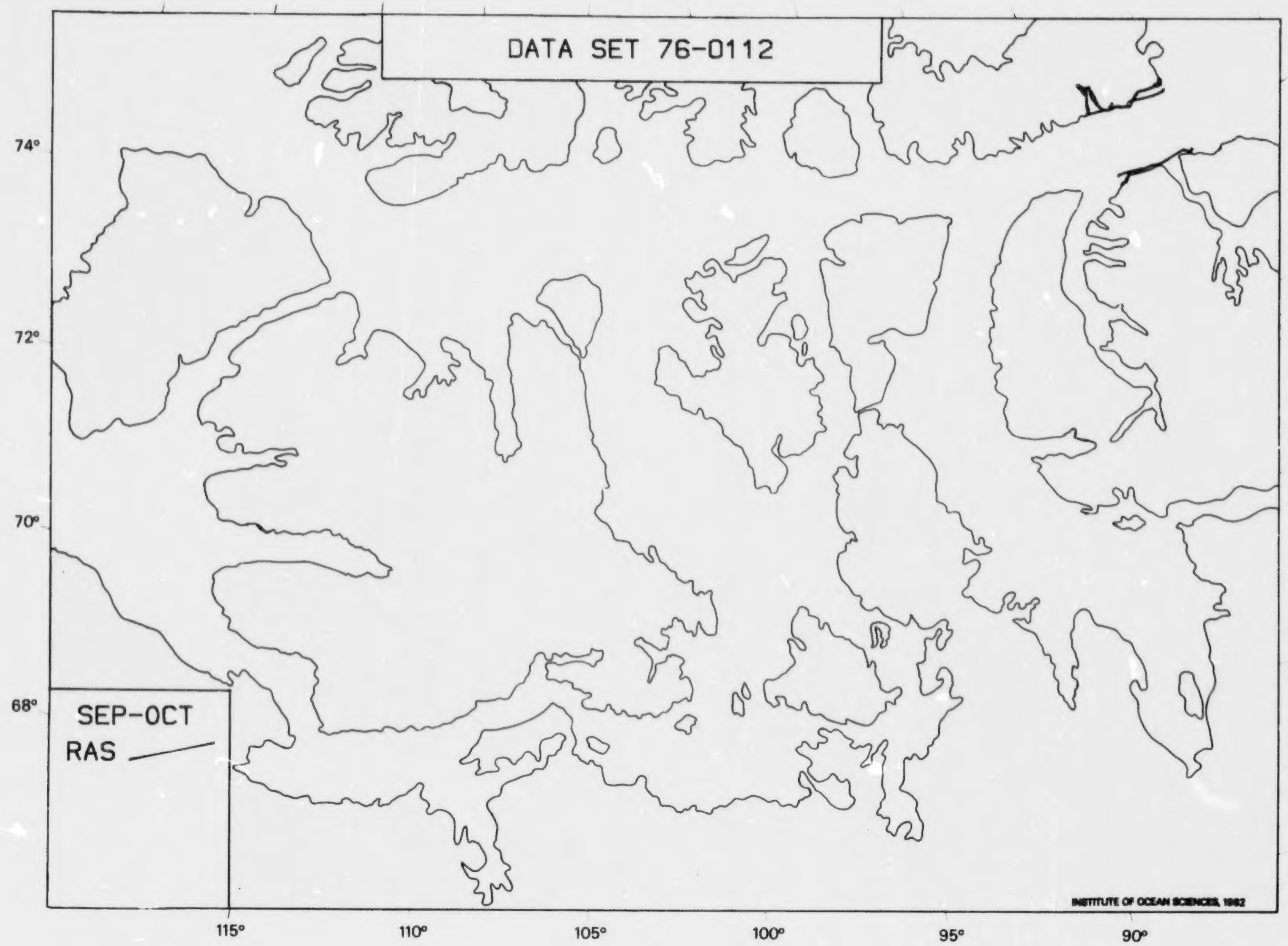
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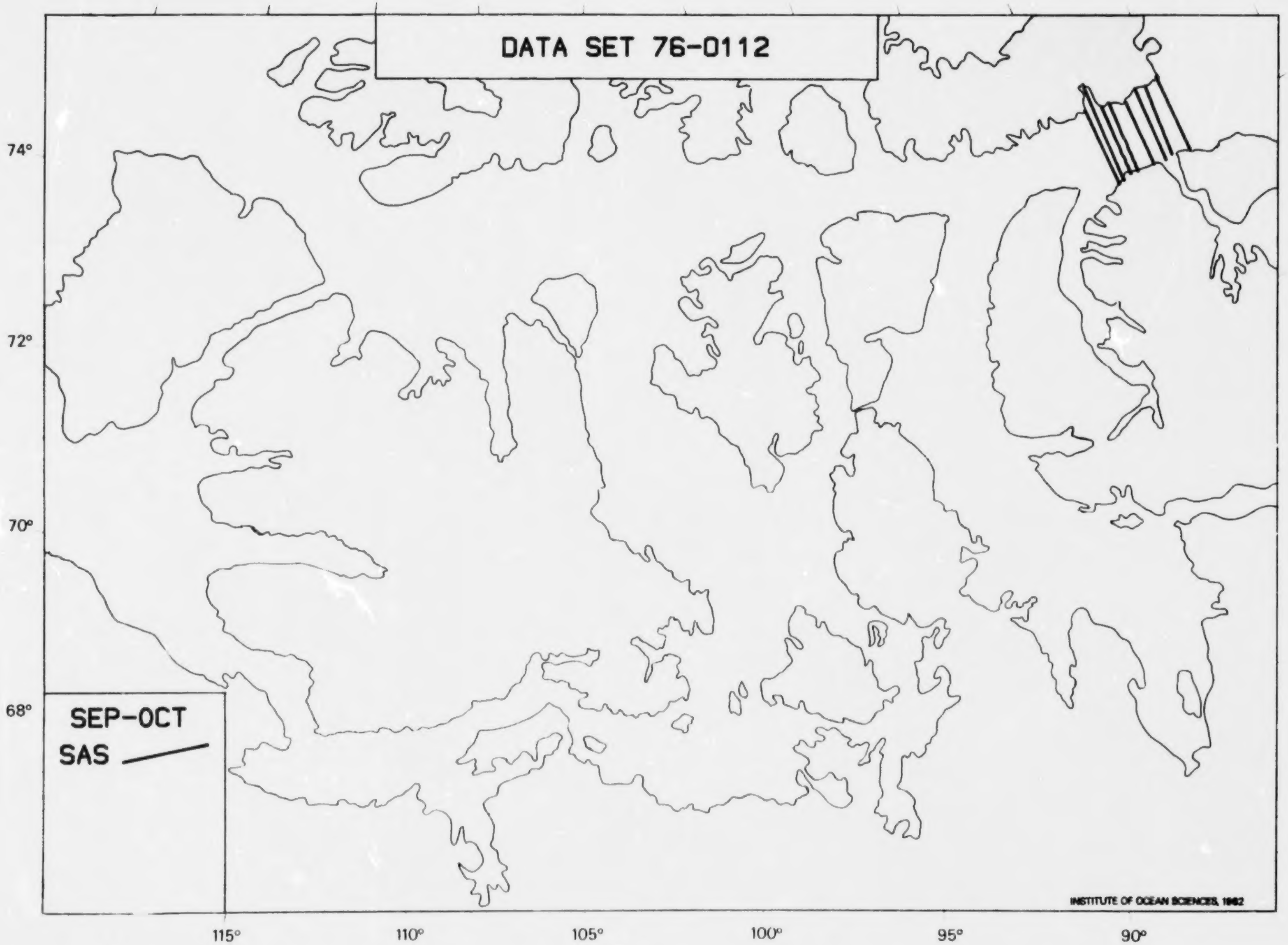
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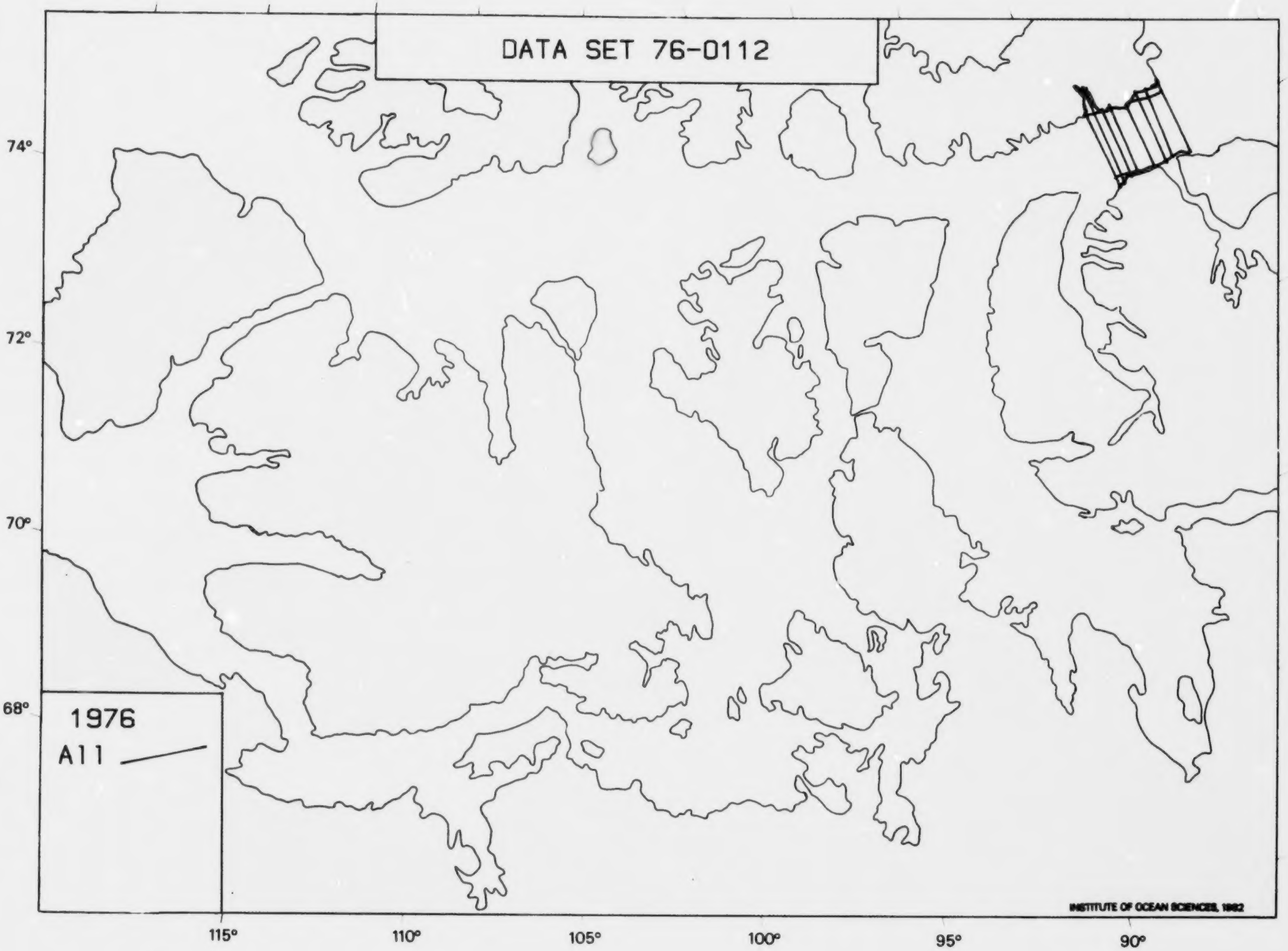
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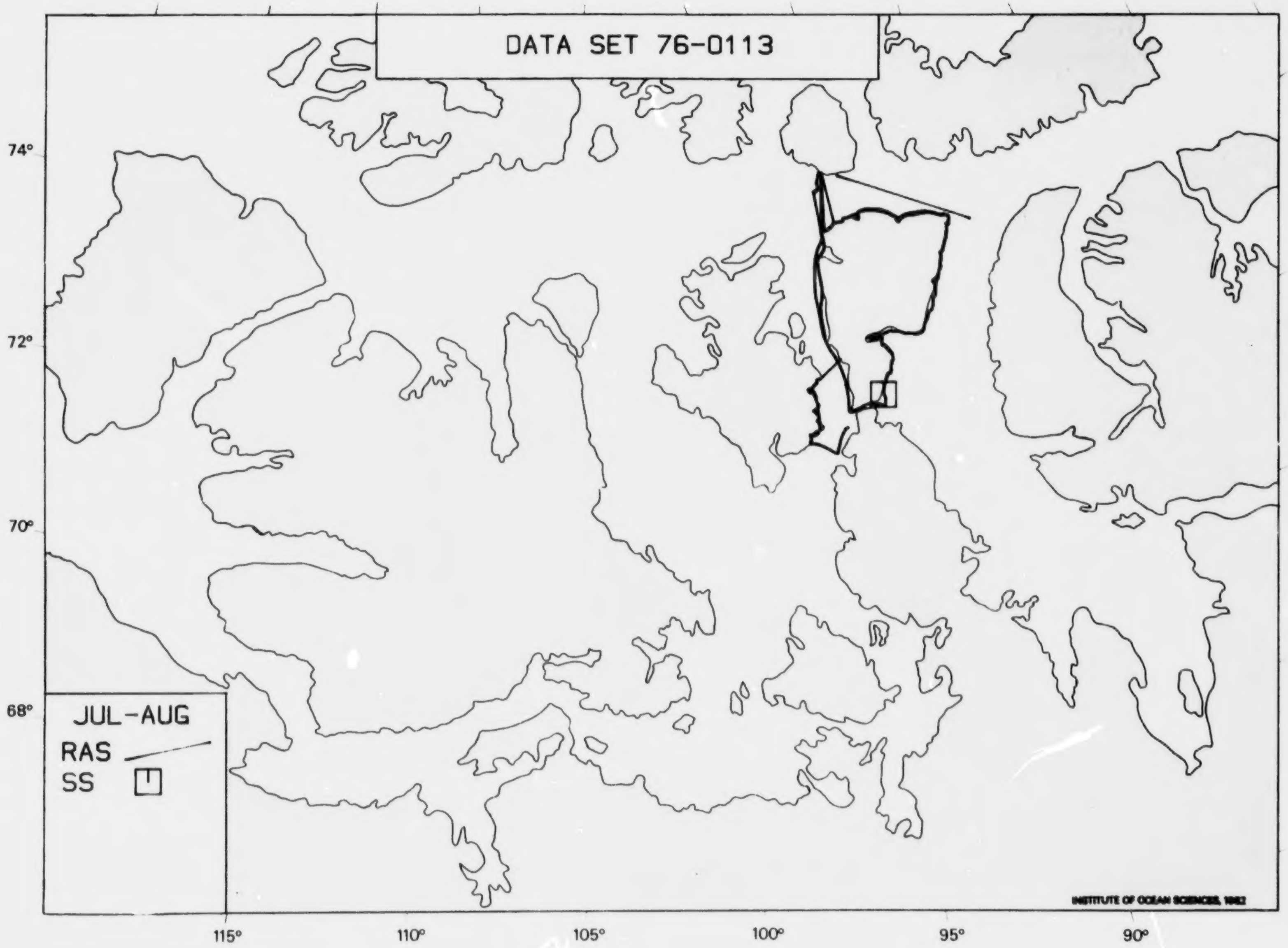
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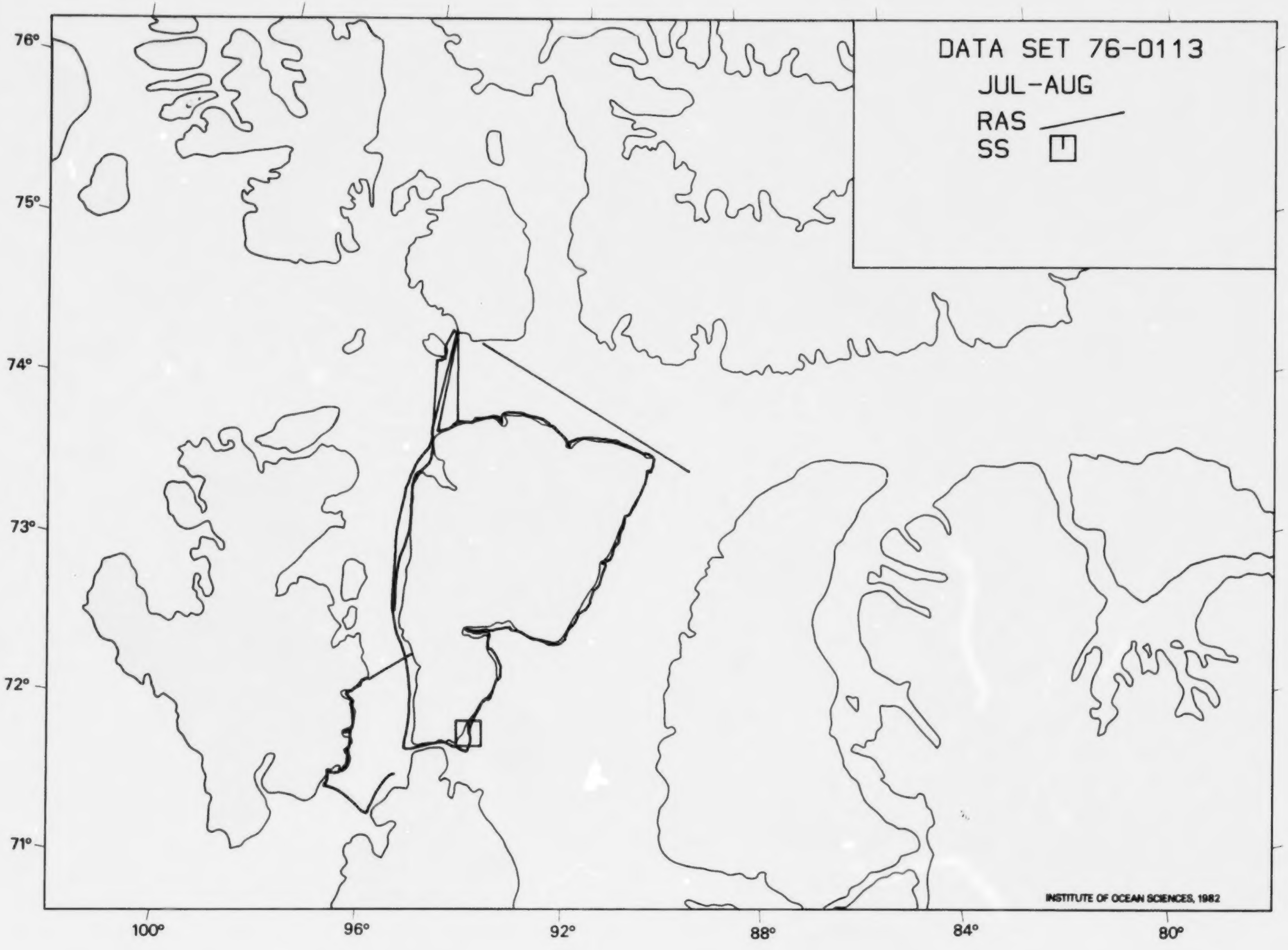
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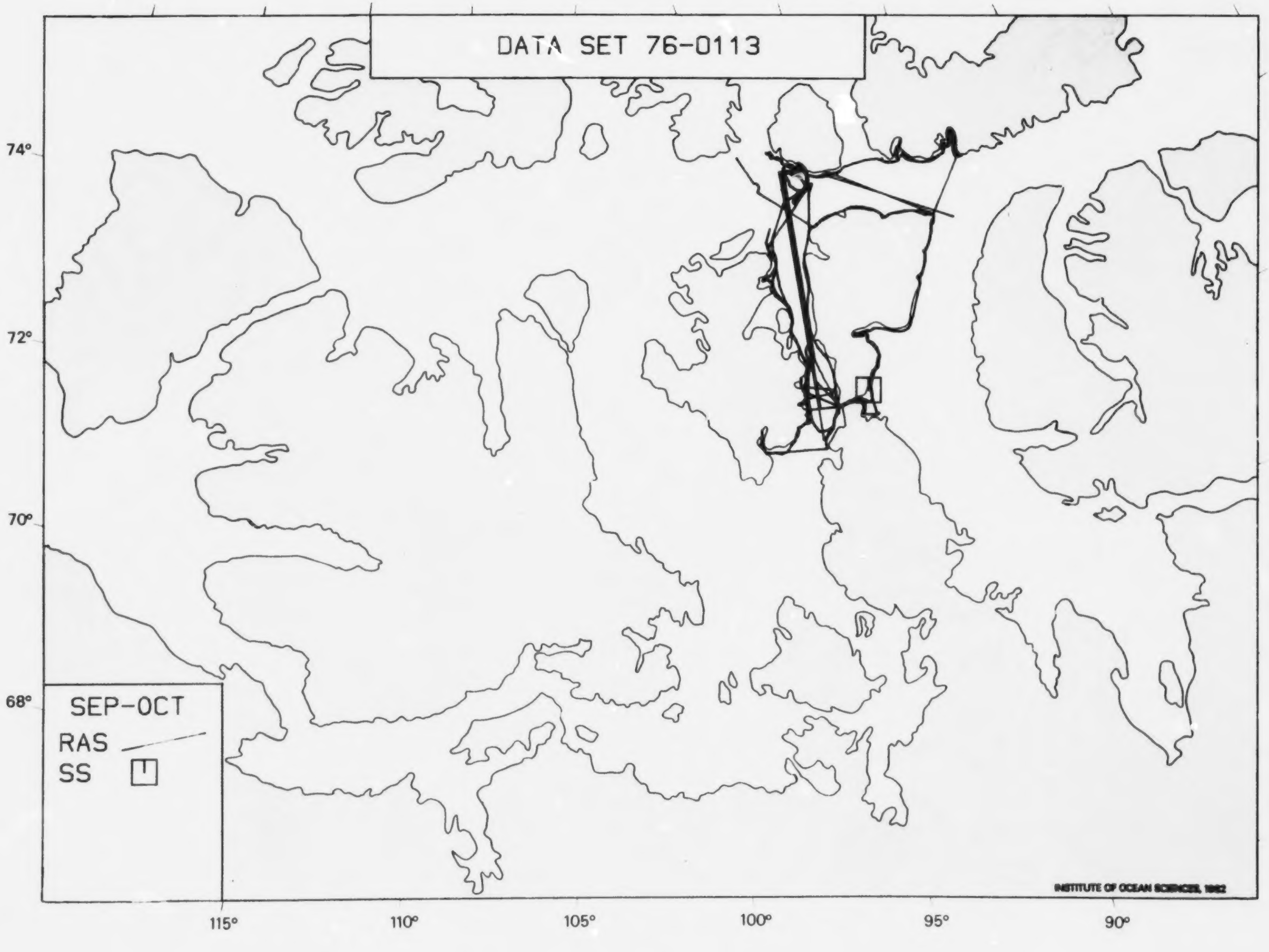
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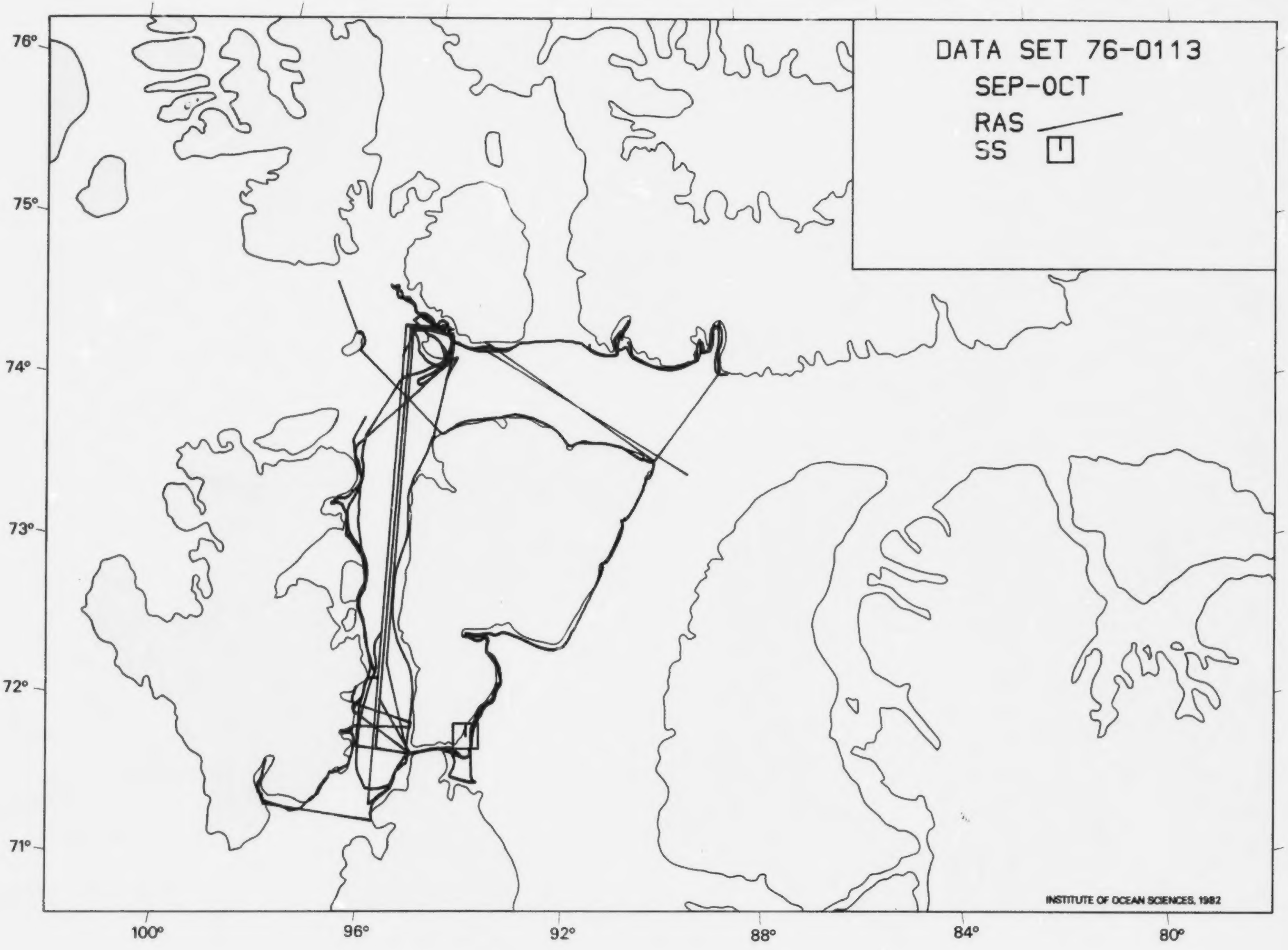
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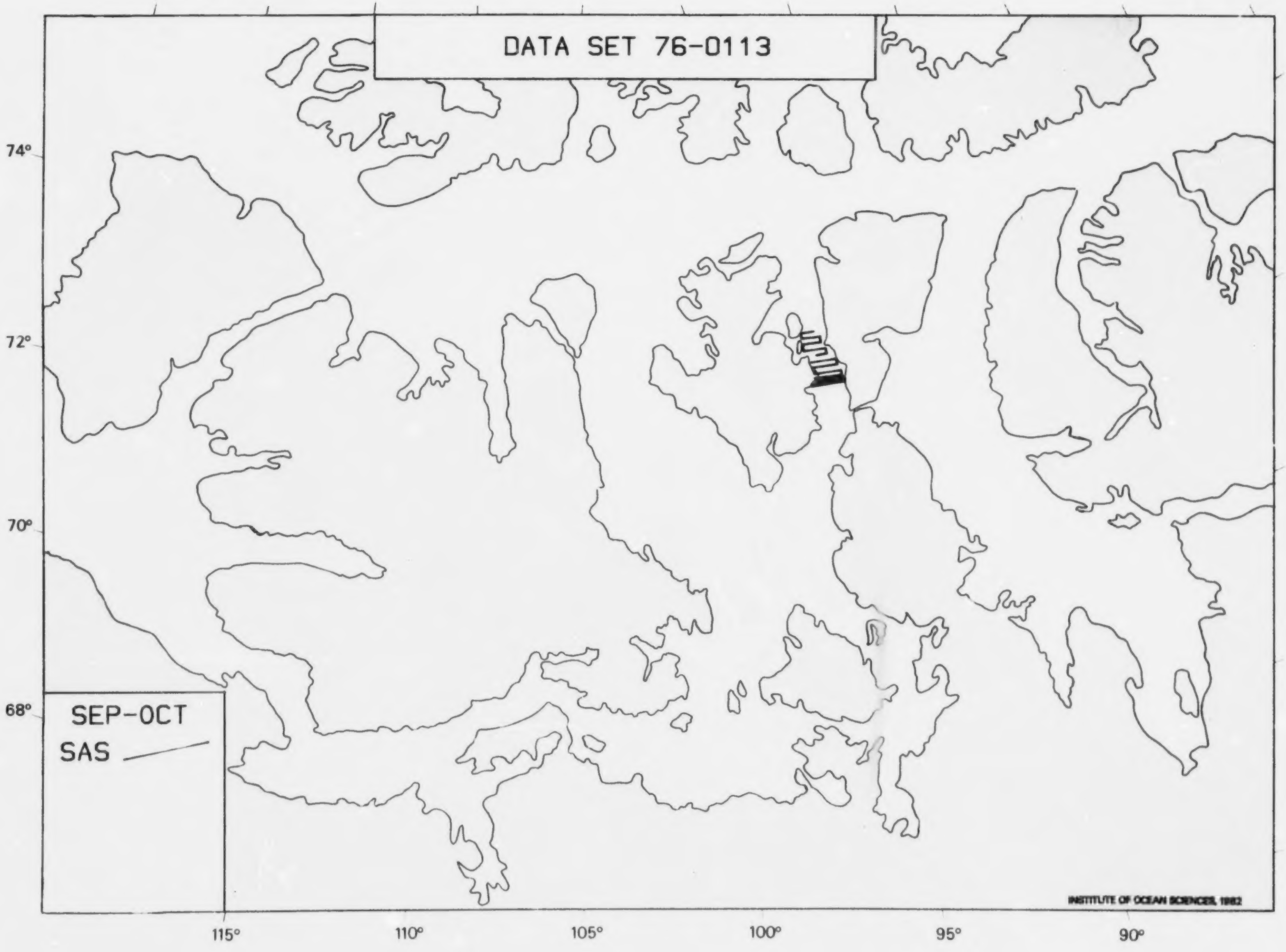
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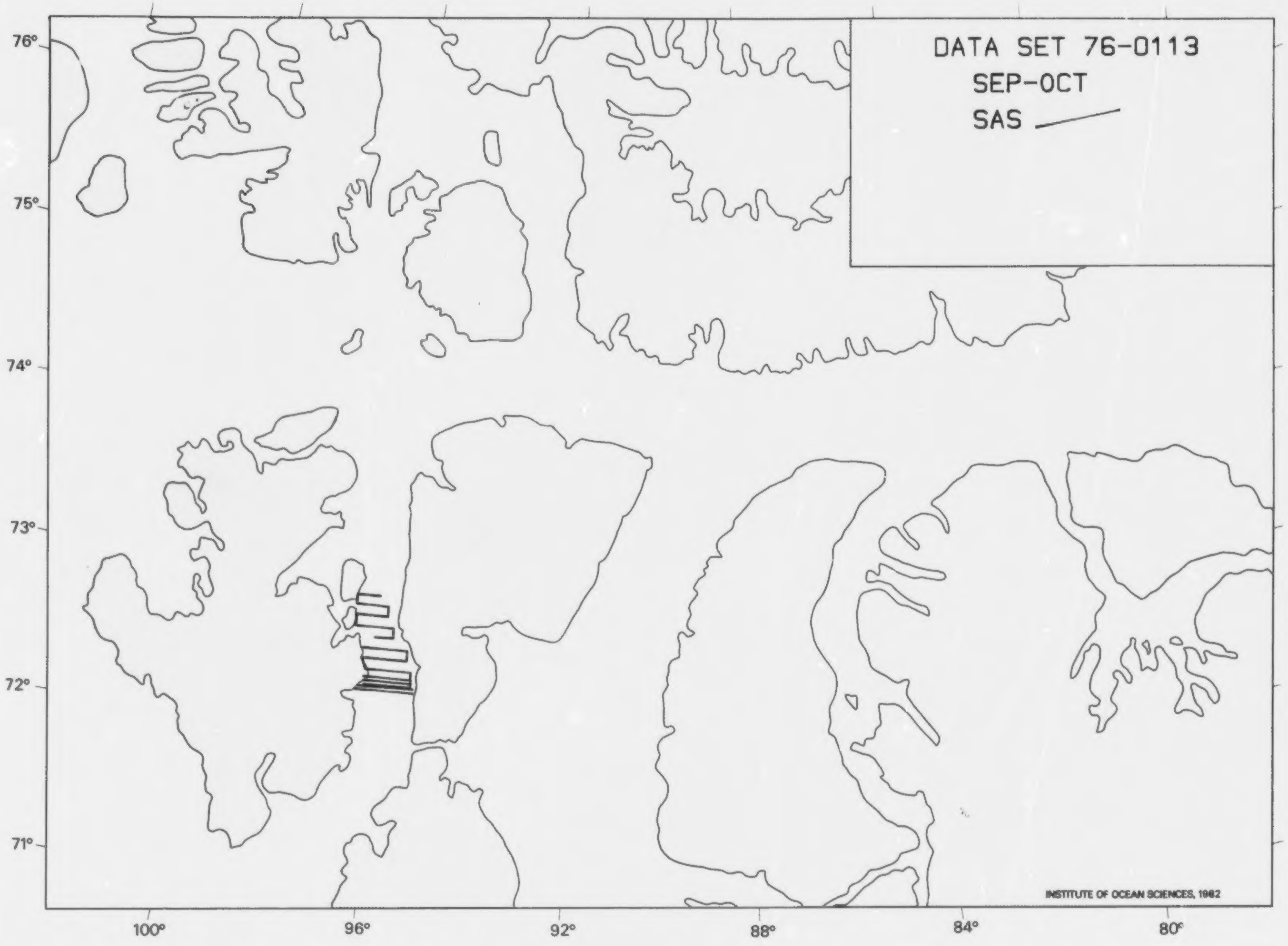
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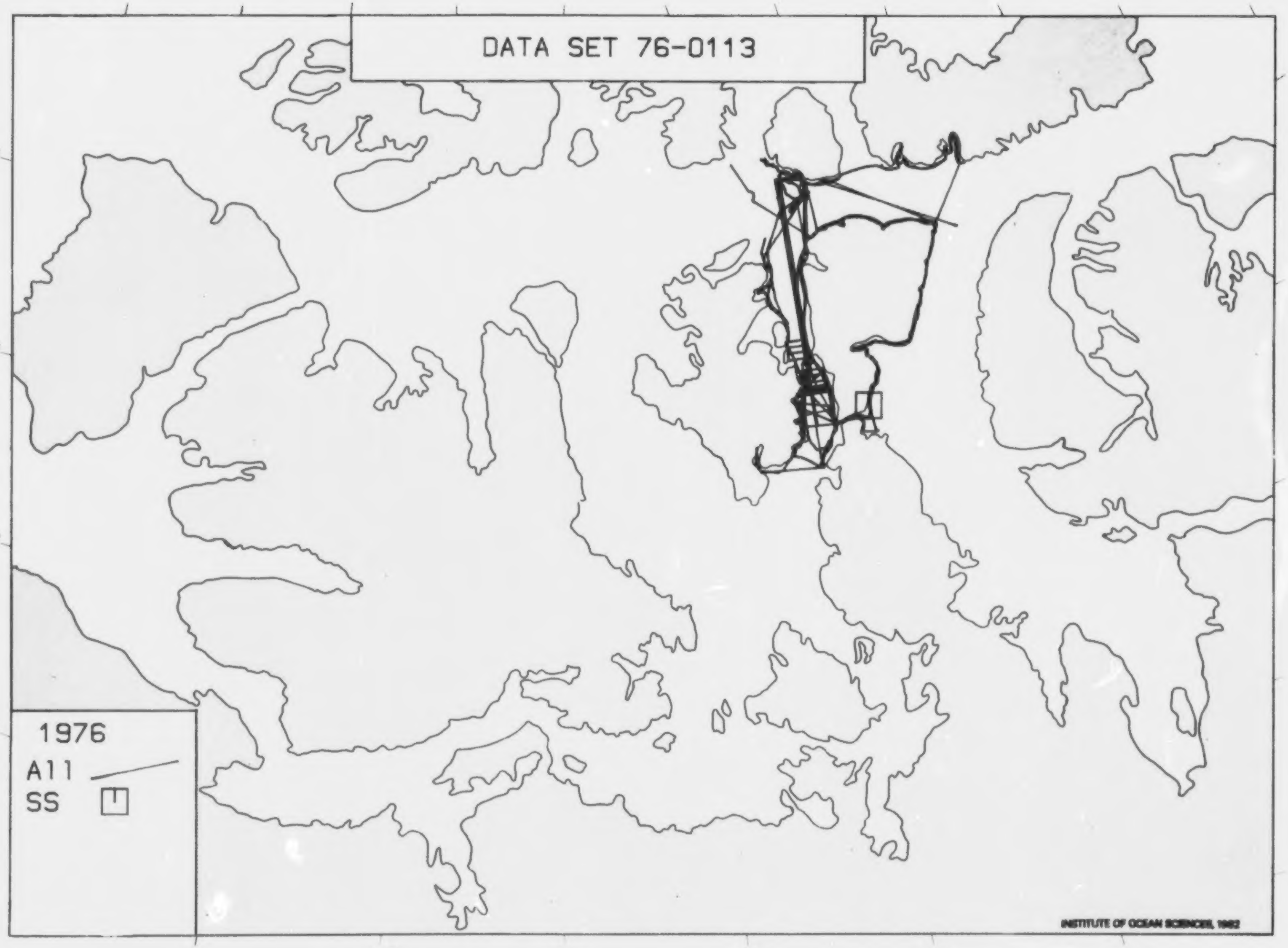
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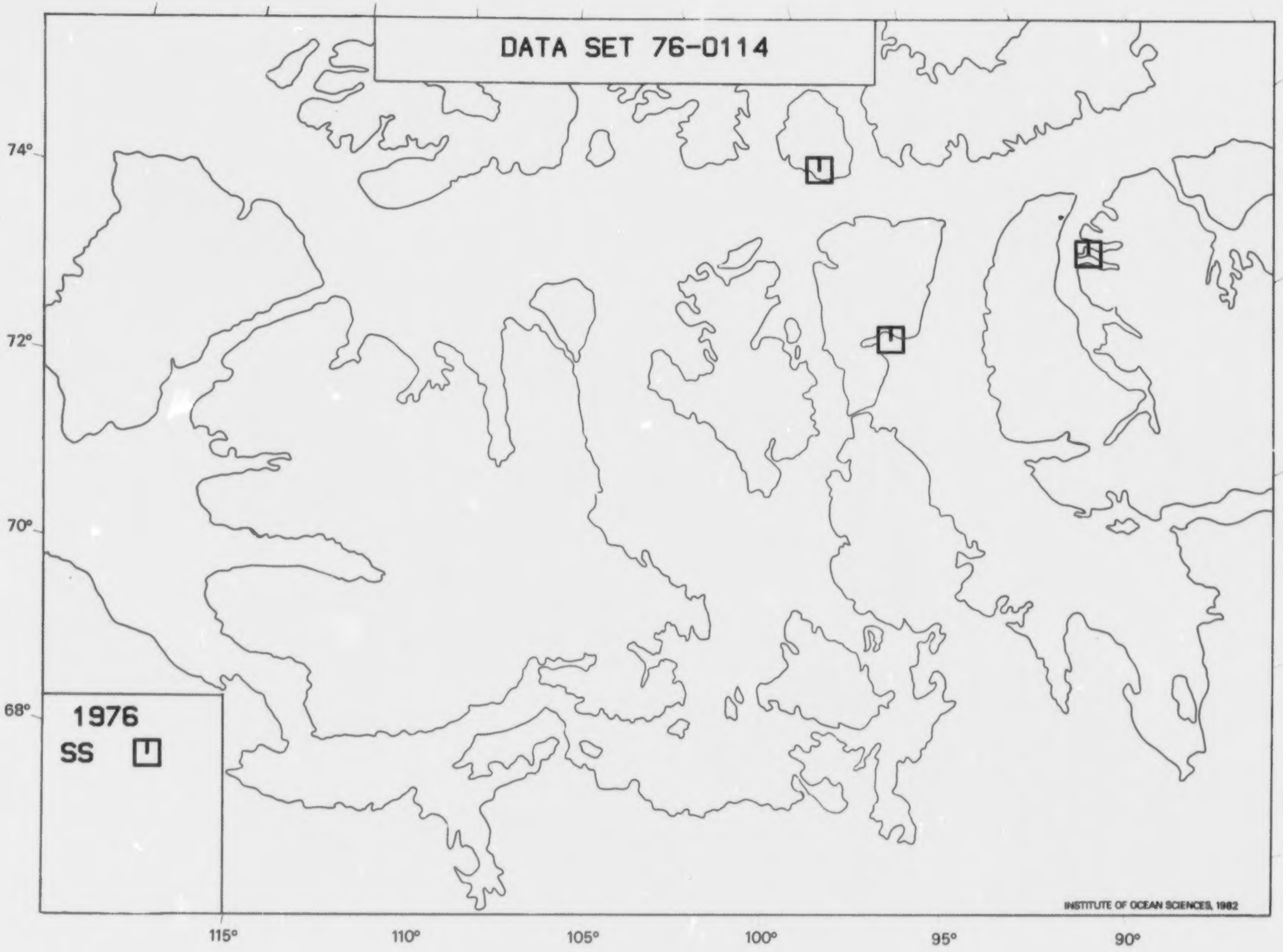
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INSTITUTE OF OCEAN SCIENCES, 1982
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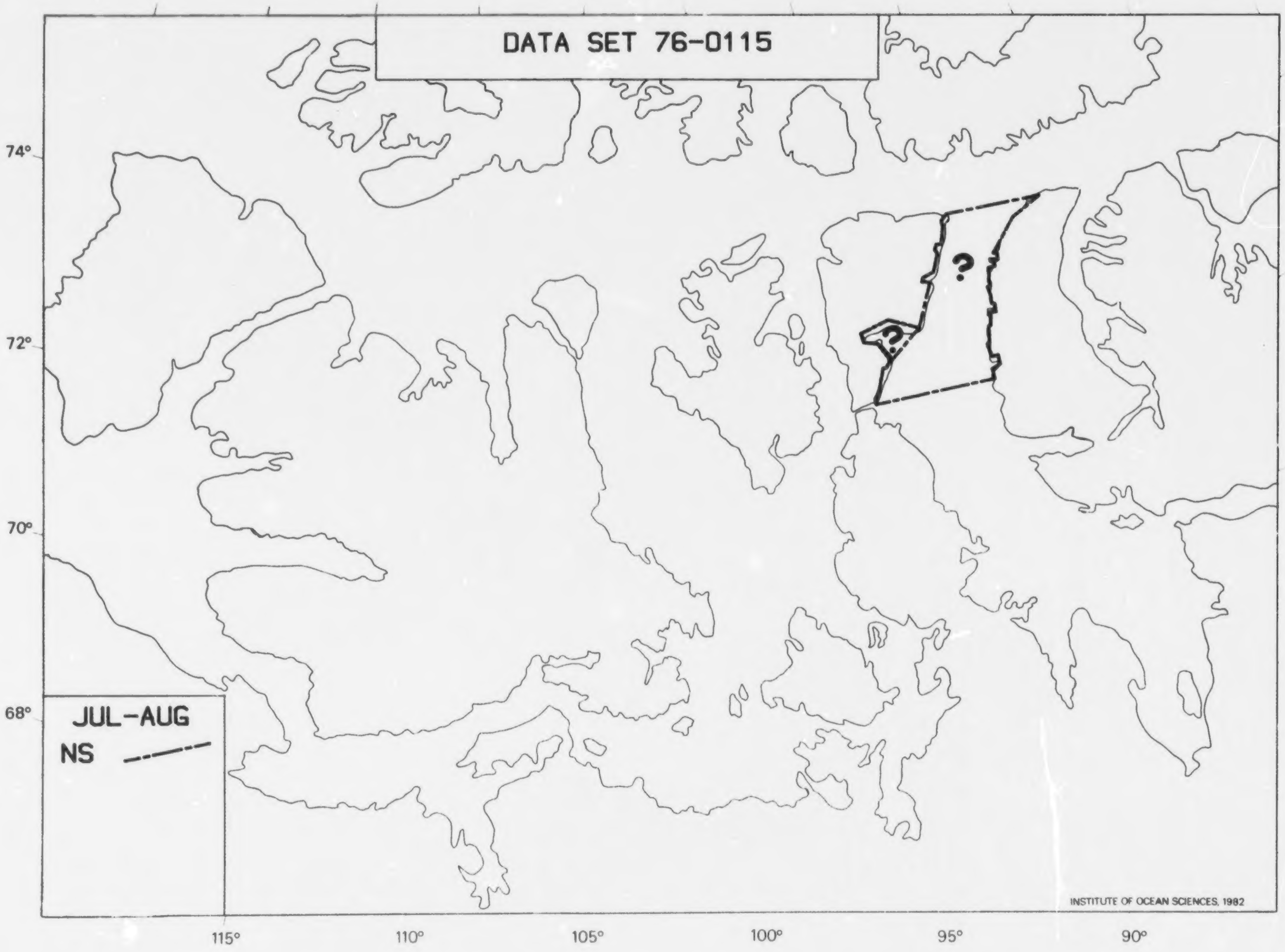

DATA SET 76-0115

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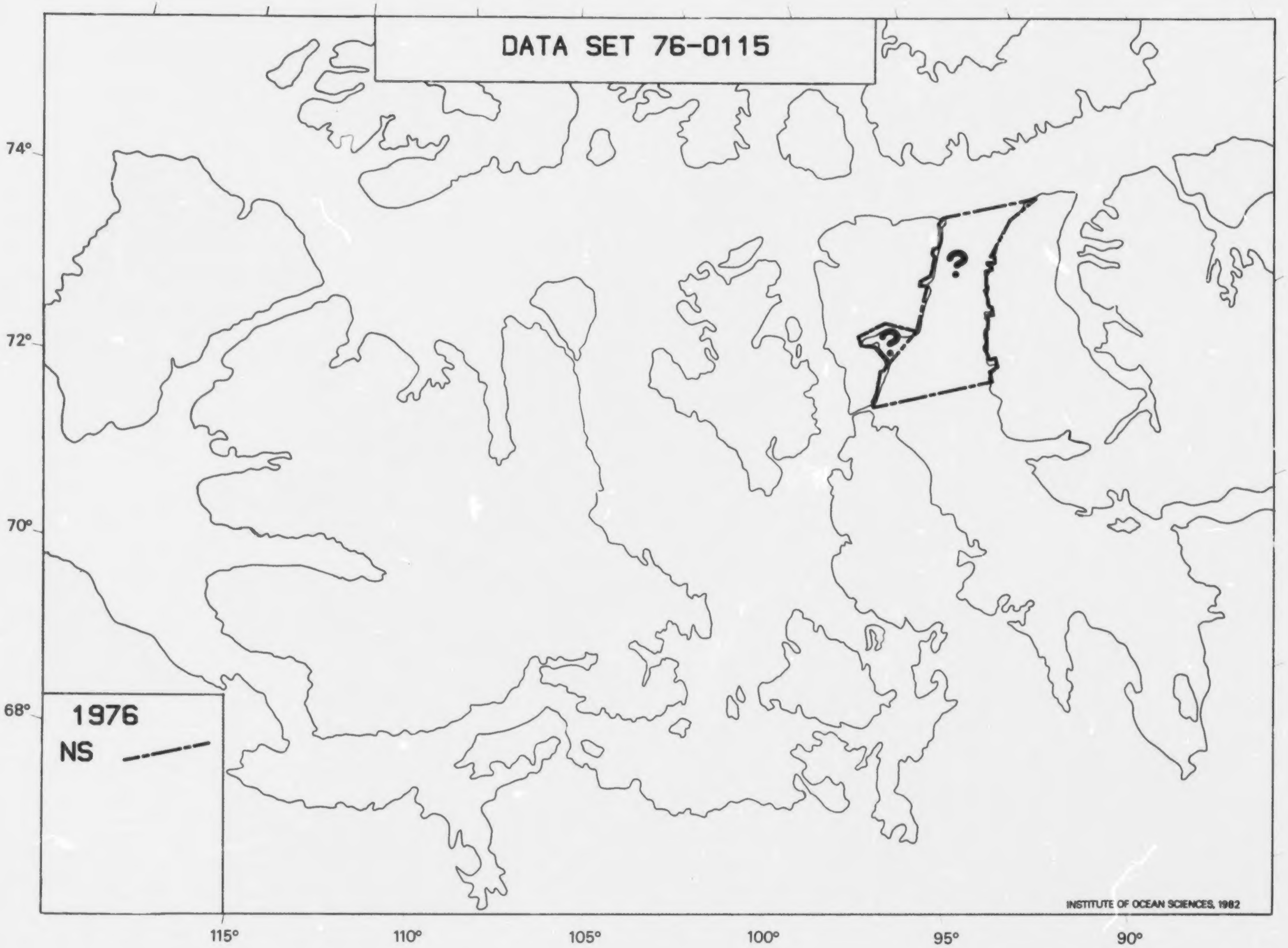
JUL-AUG
NS
INSTITUTE OF OCEAN SCIENCES, 1982



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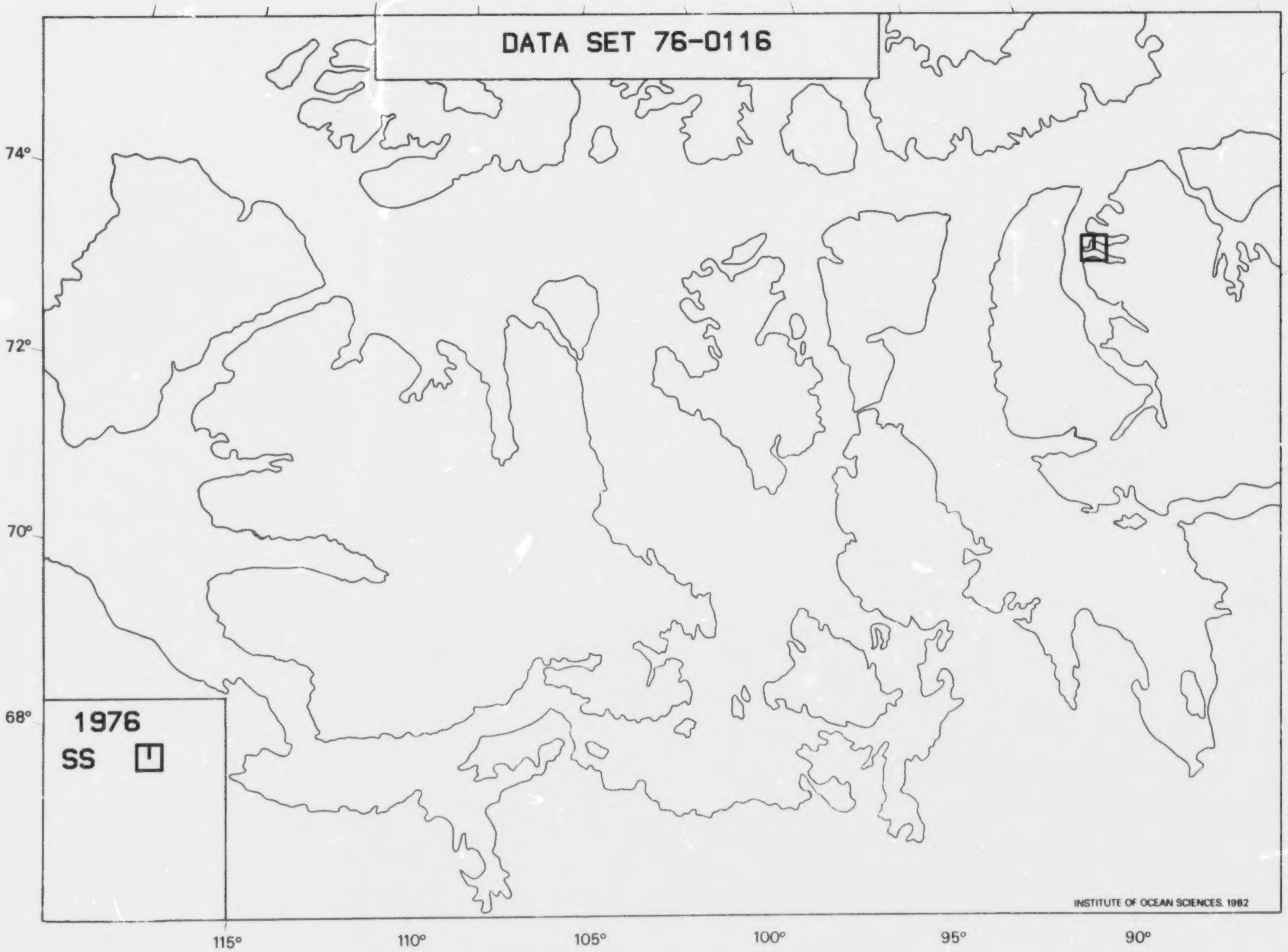
INSTITUTE OF OCEAN SCIENCES, 1982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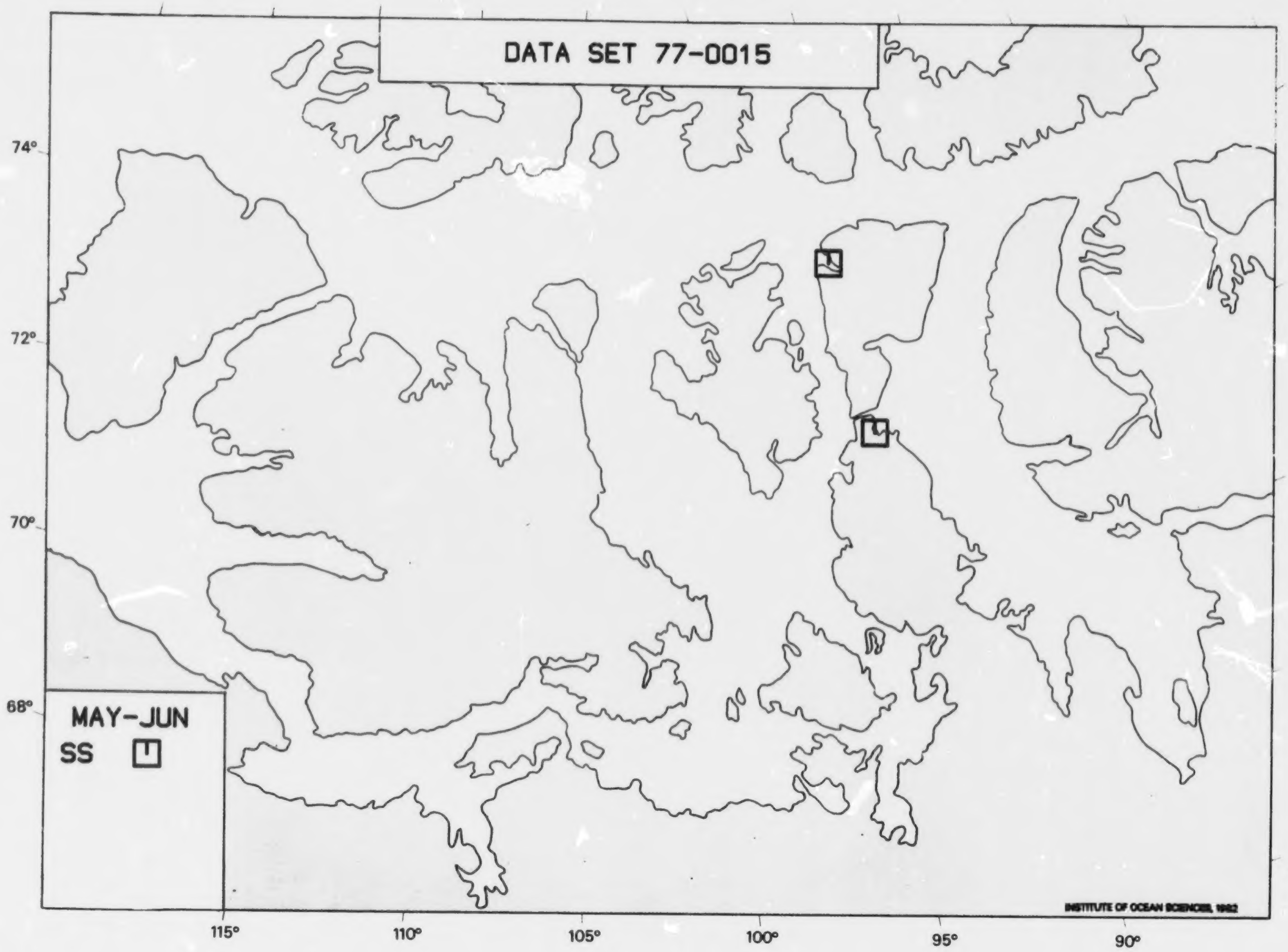
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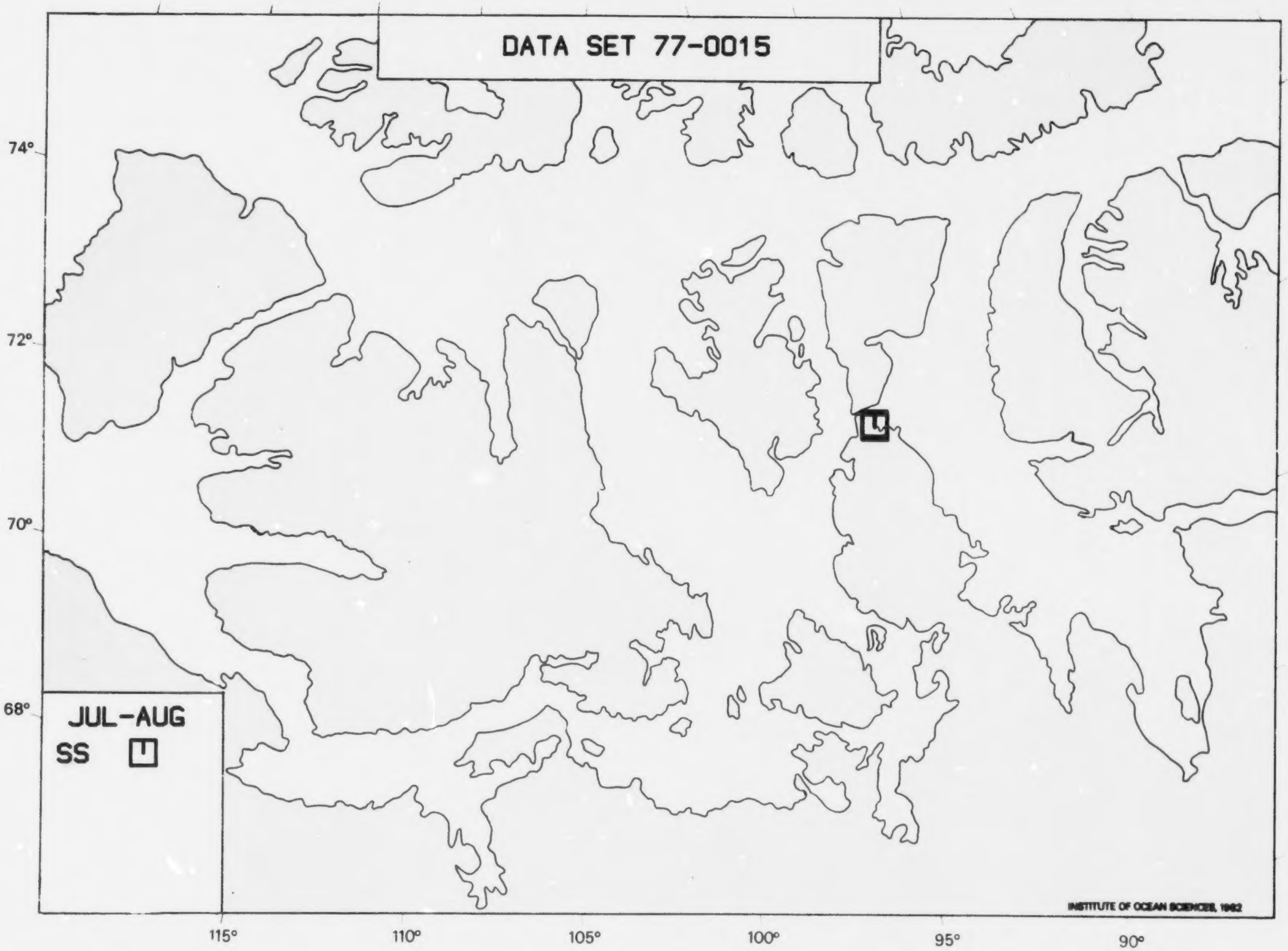
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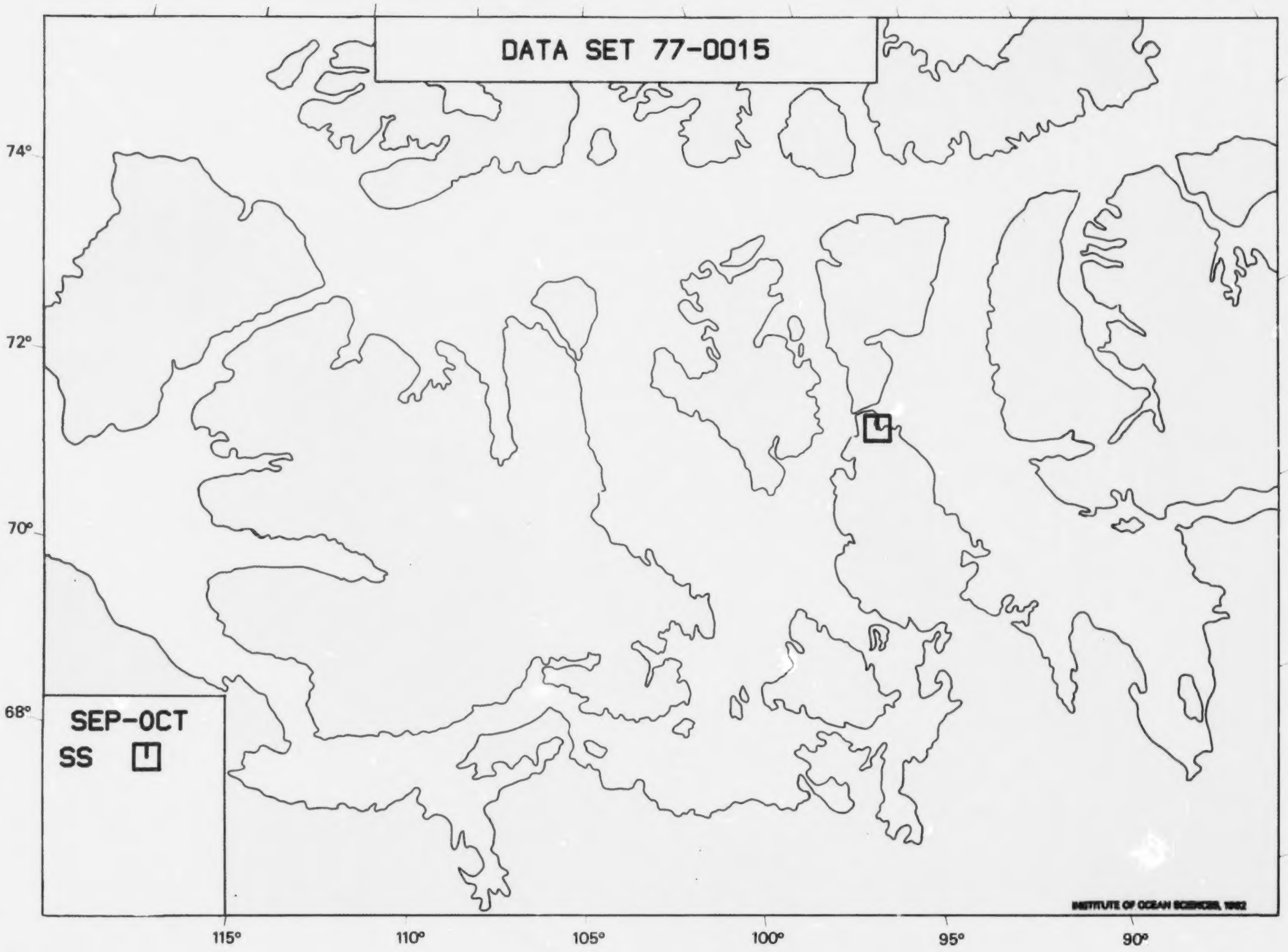
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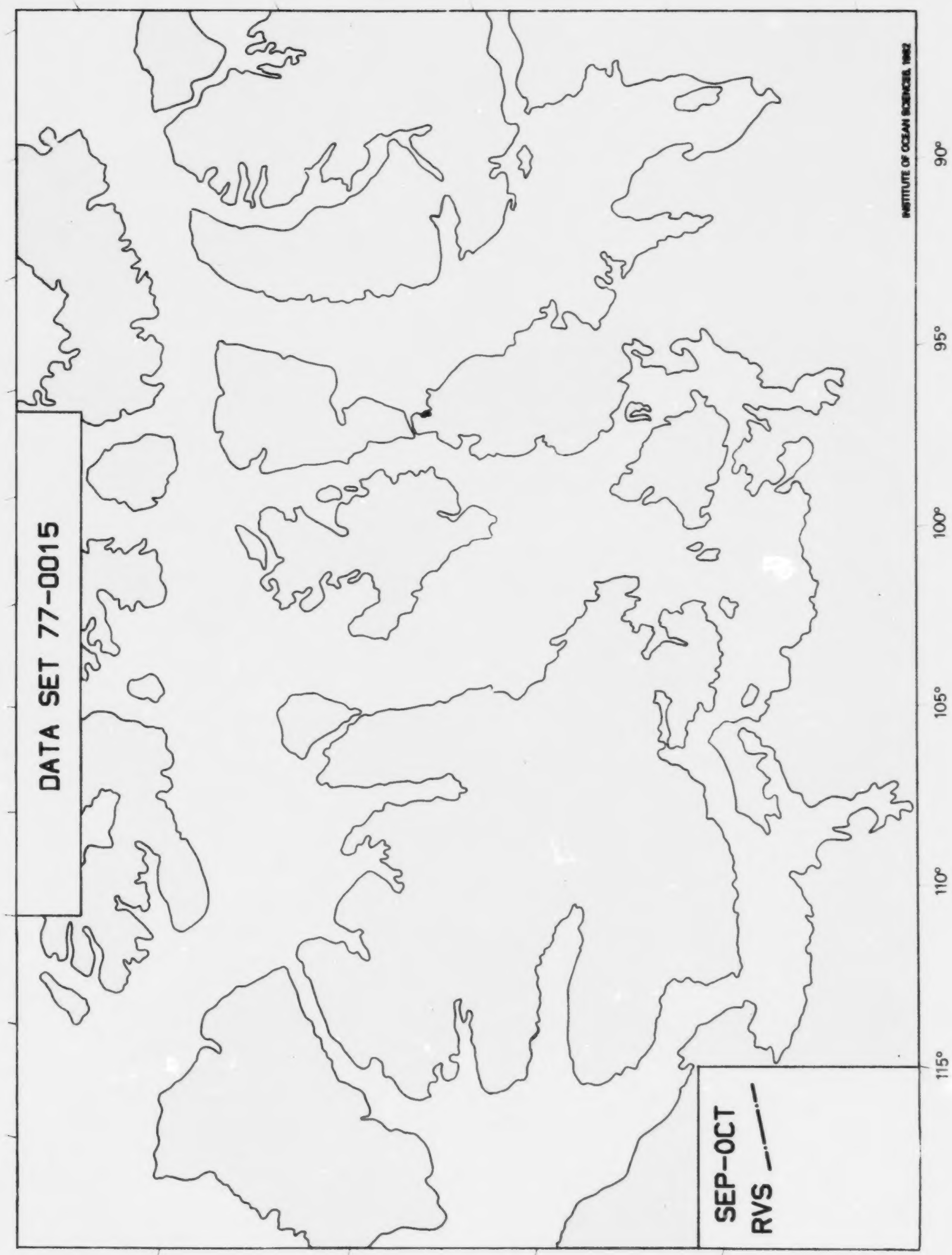
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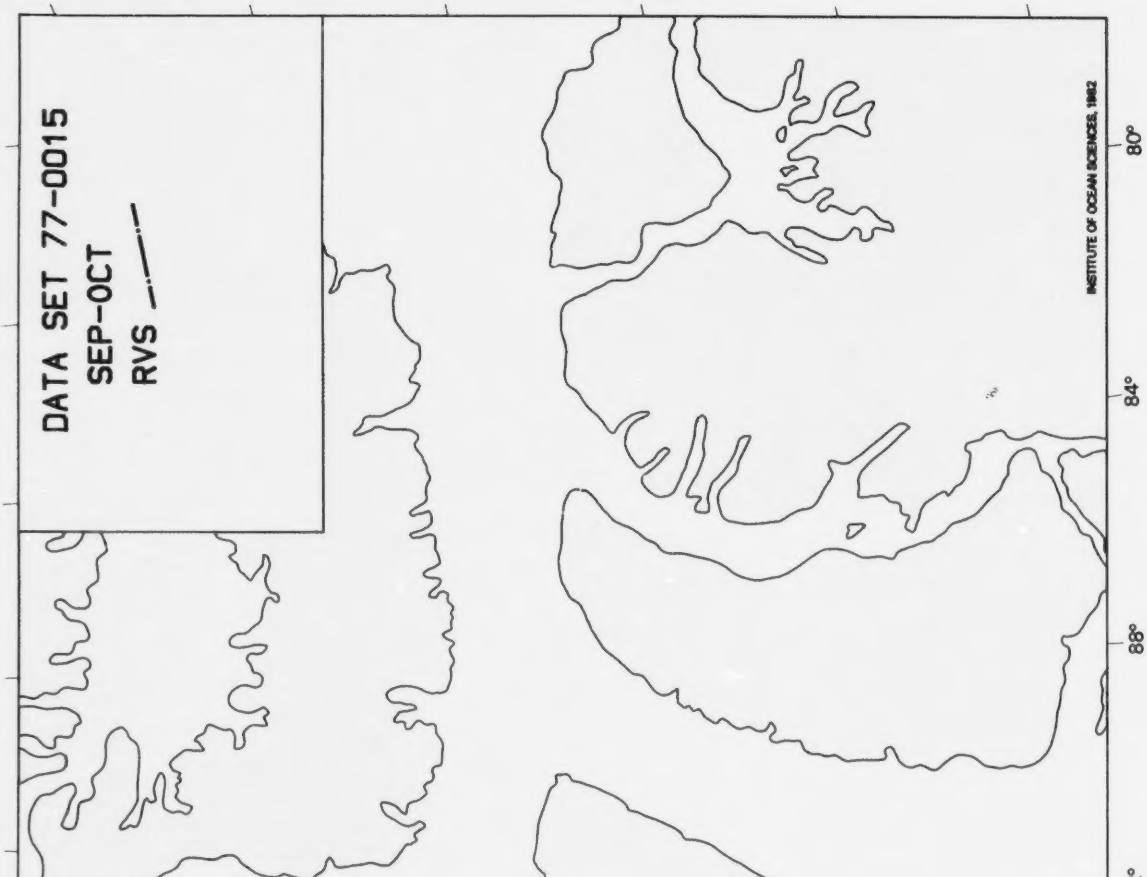
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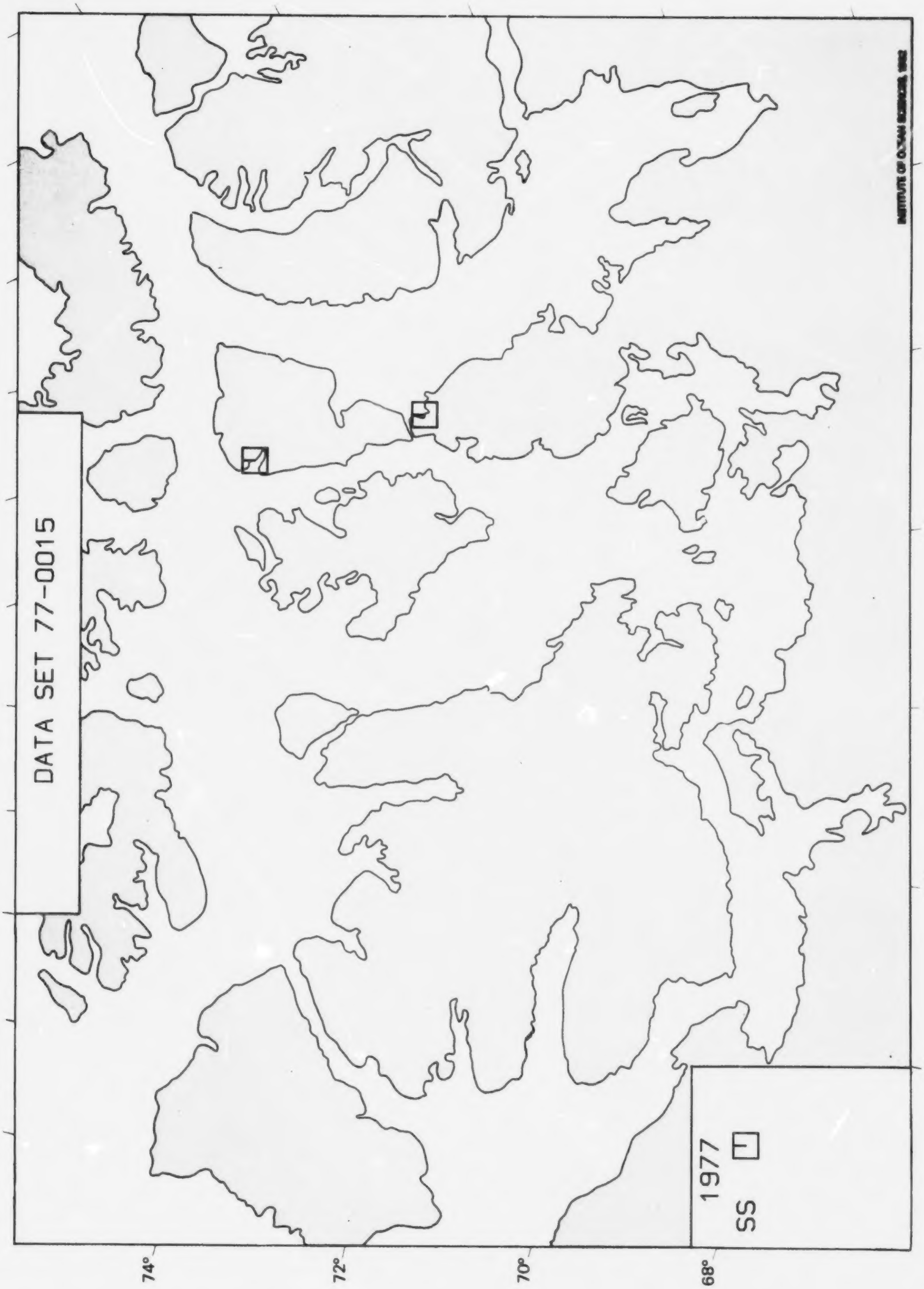
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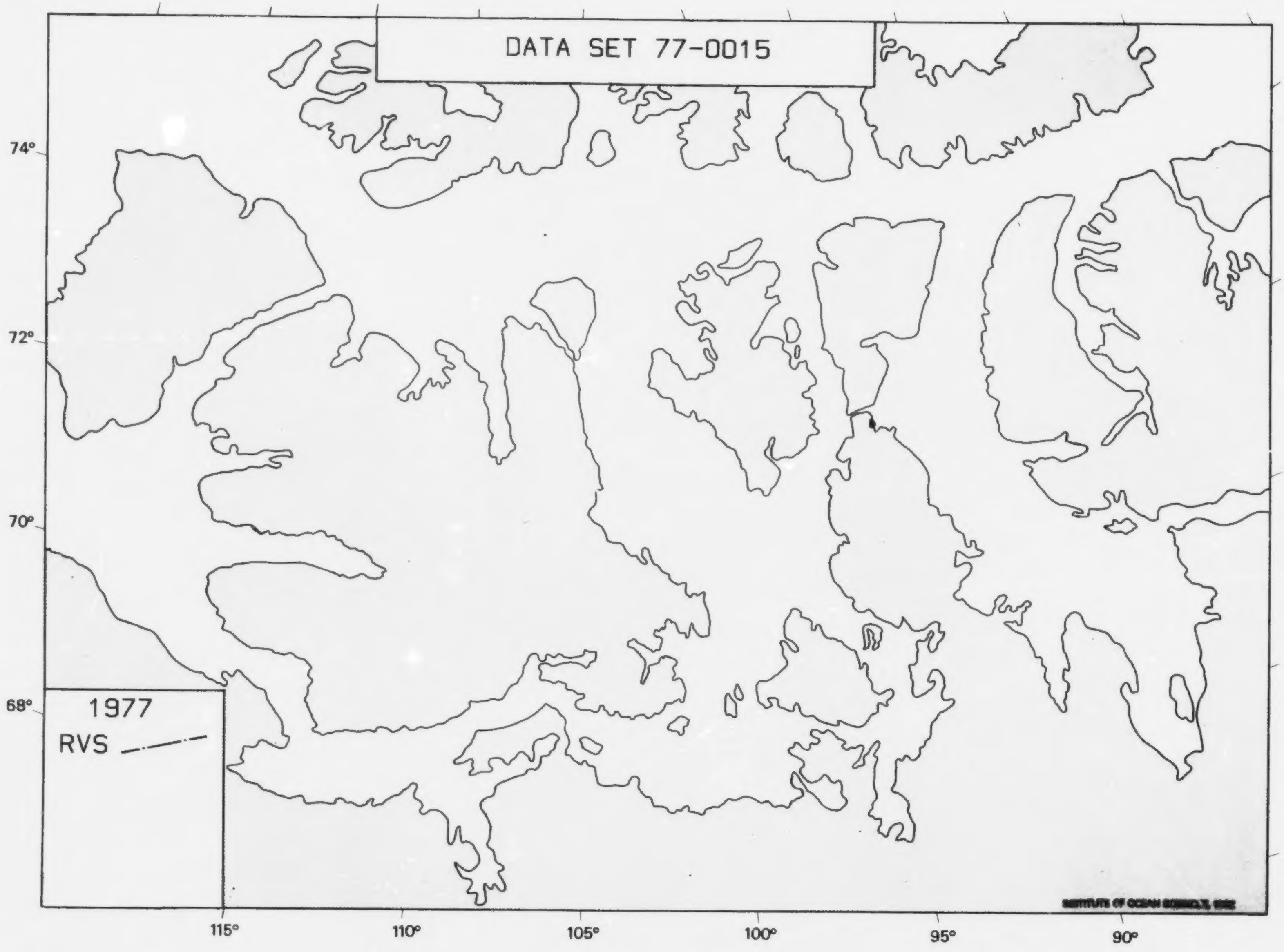
INSTITUTE OF OCEAN SCIENCES, 1982



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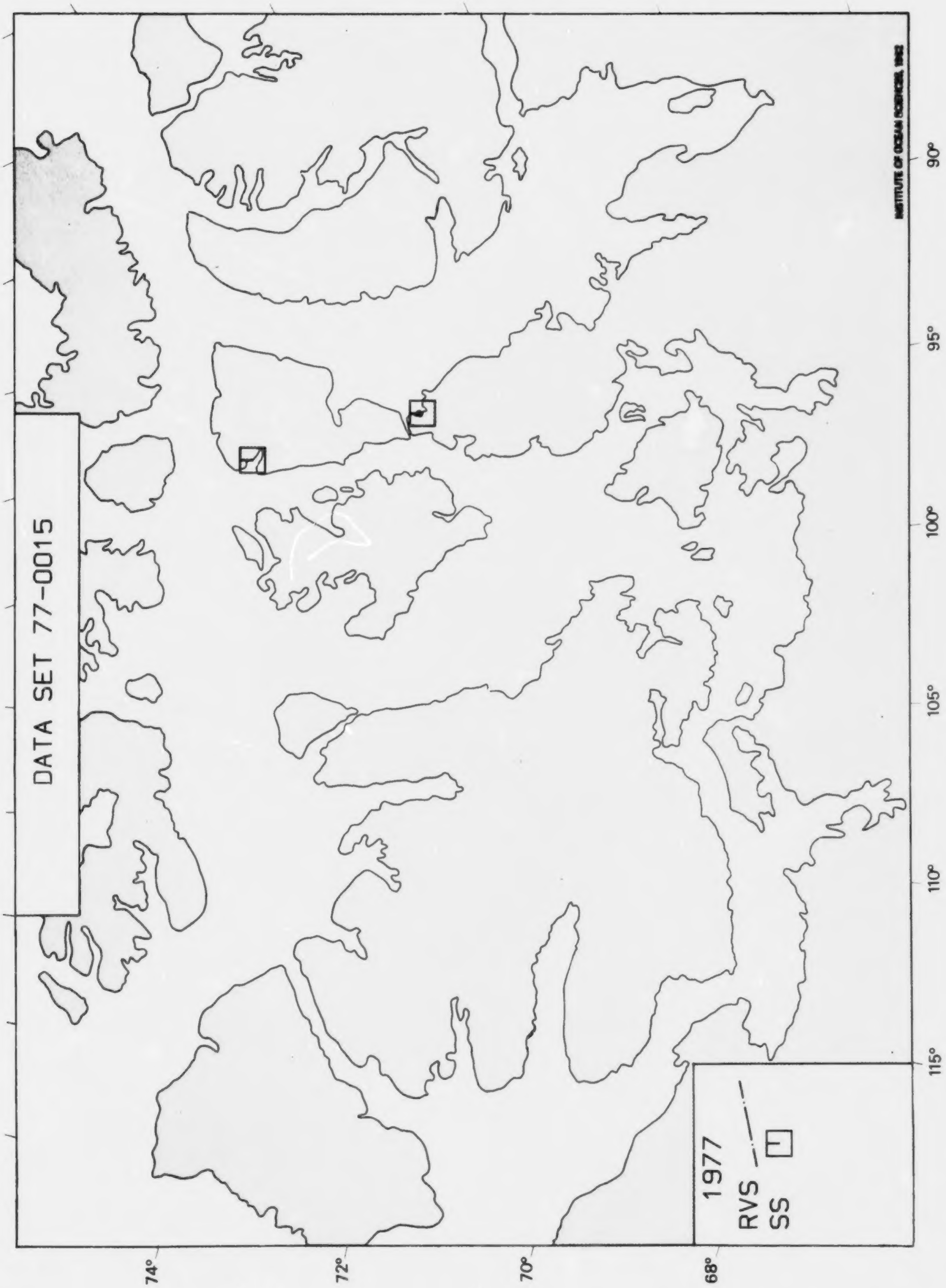
INSTITUTE OF OCEAN SCIENCES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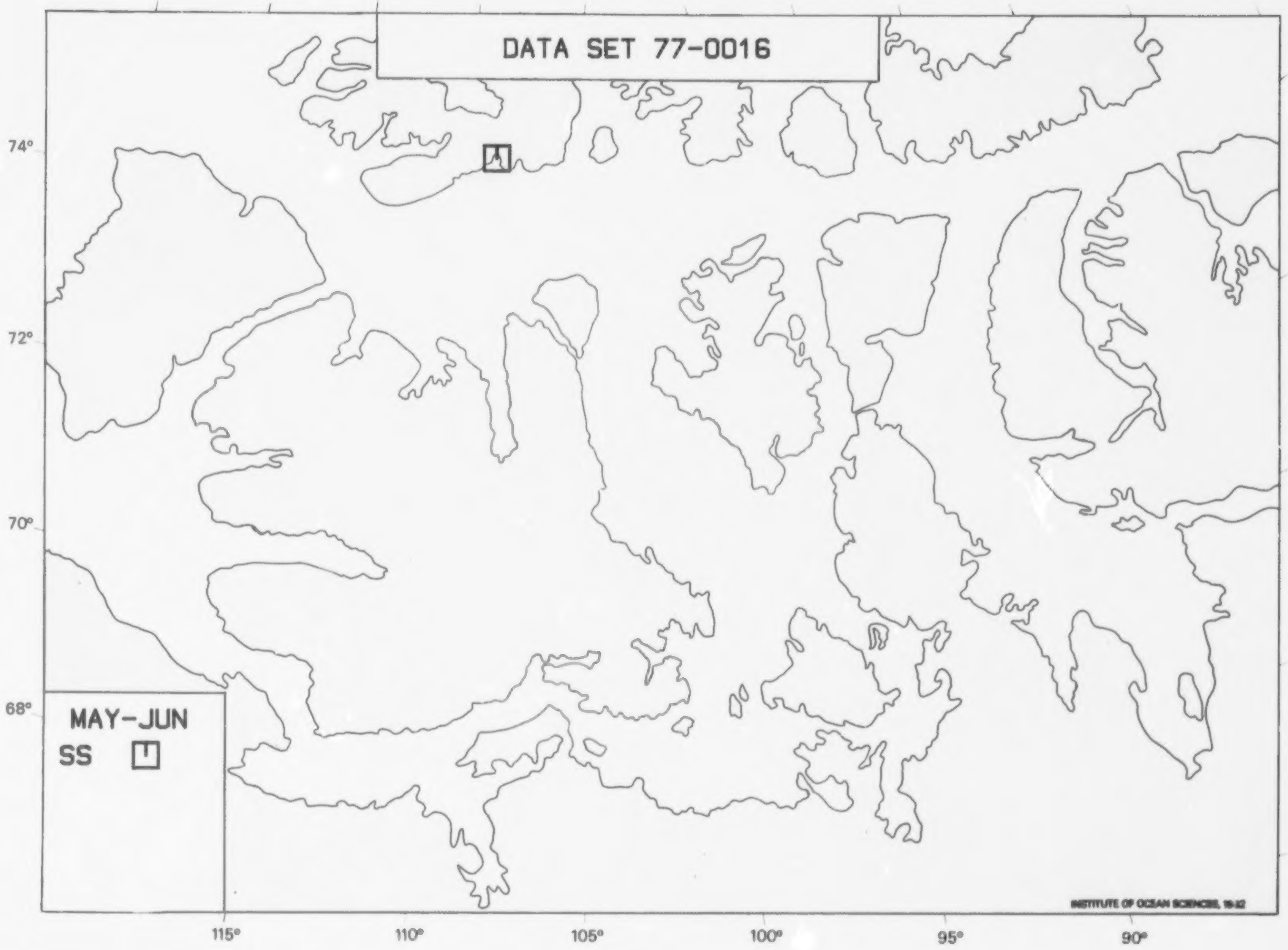
INSTITUTE OF OCEAN SCIENCES, 1982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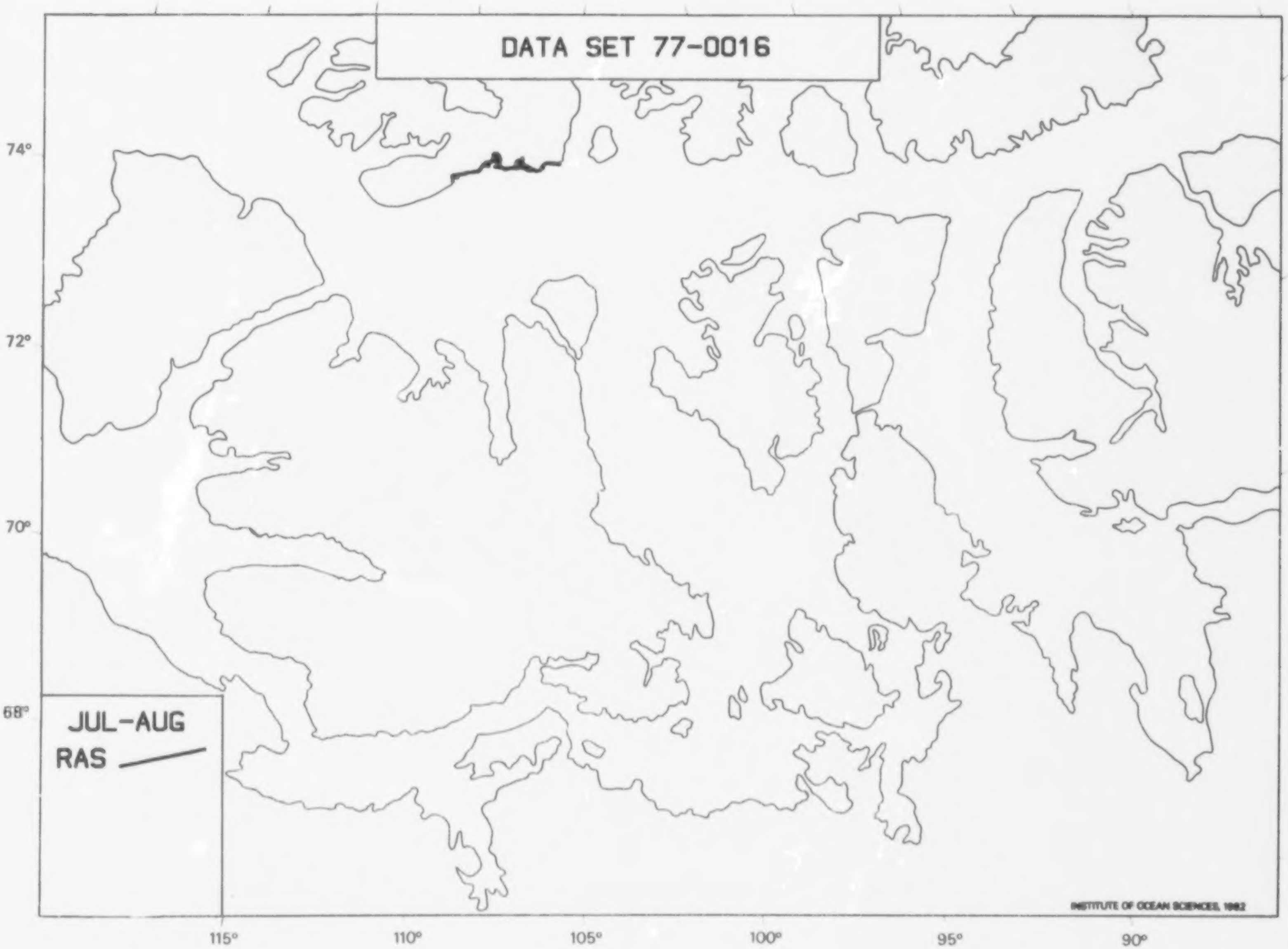
INSTITUTE OF OCEAN SCIENCES, 1982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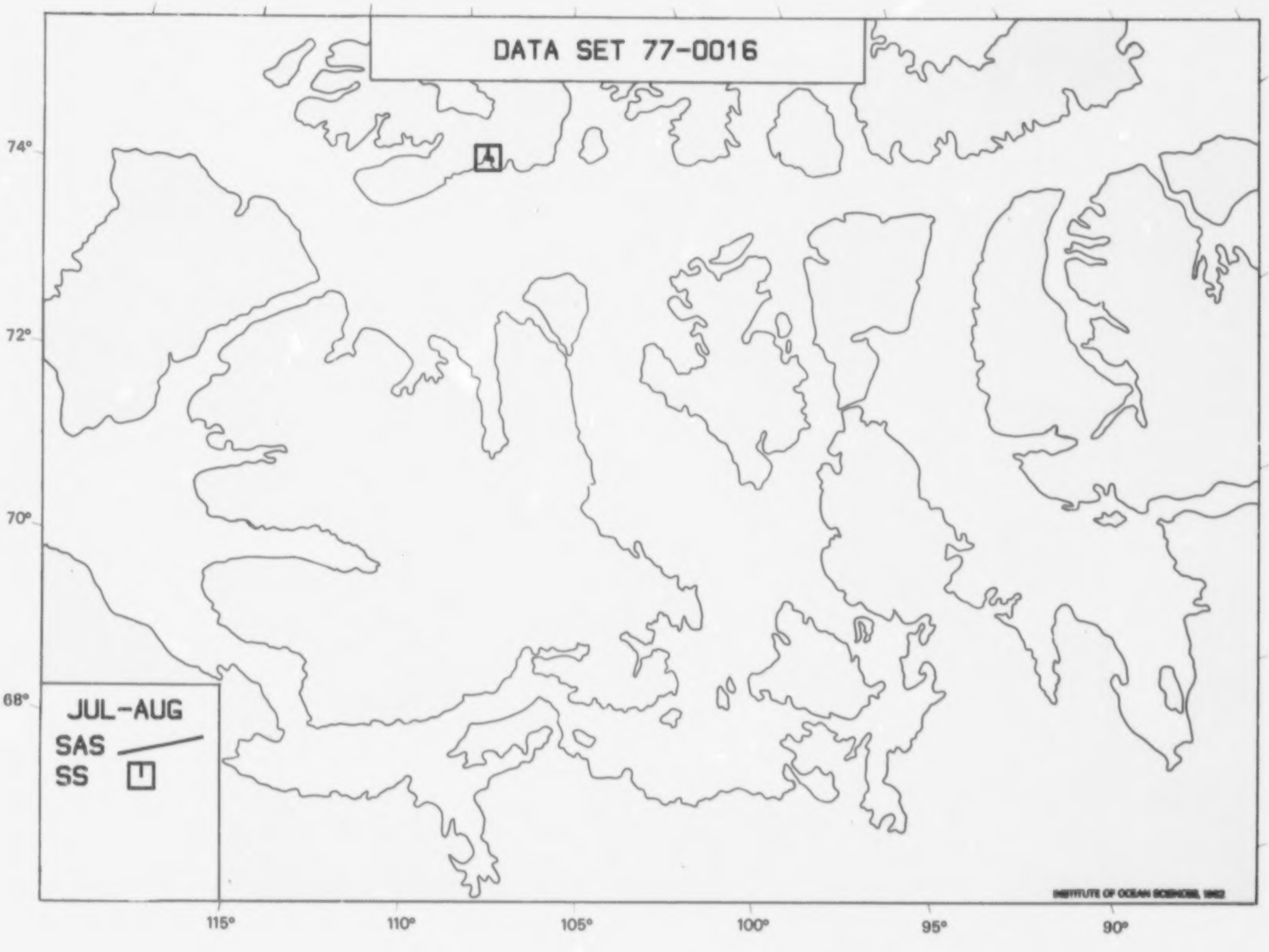
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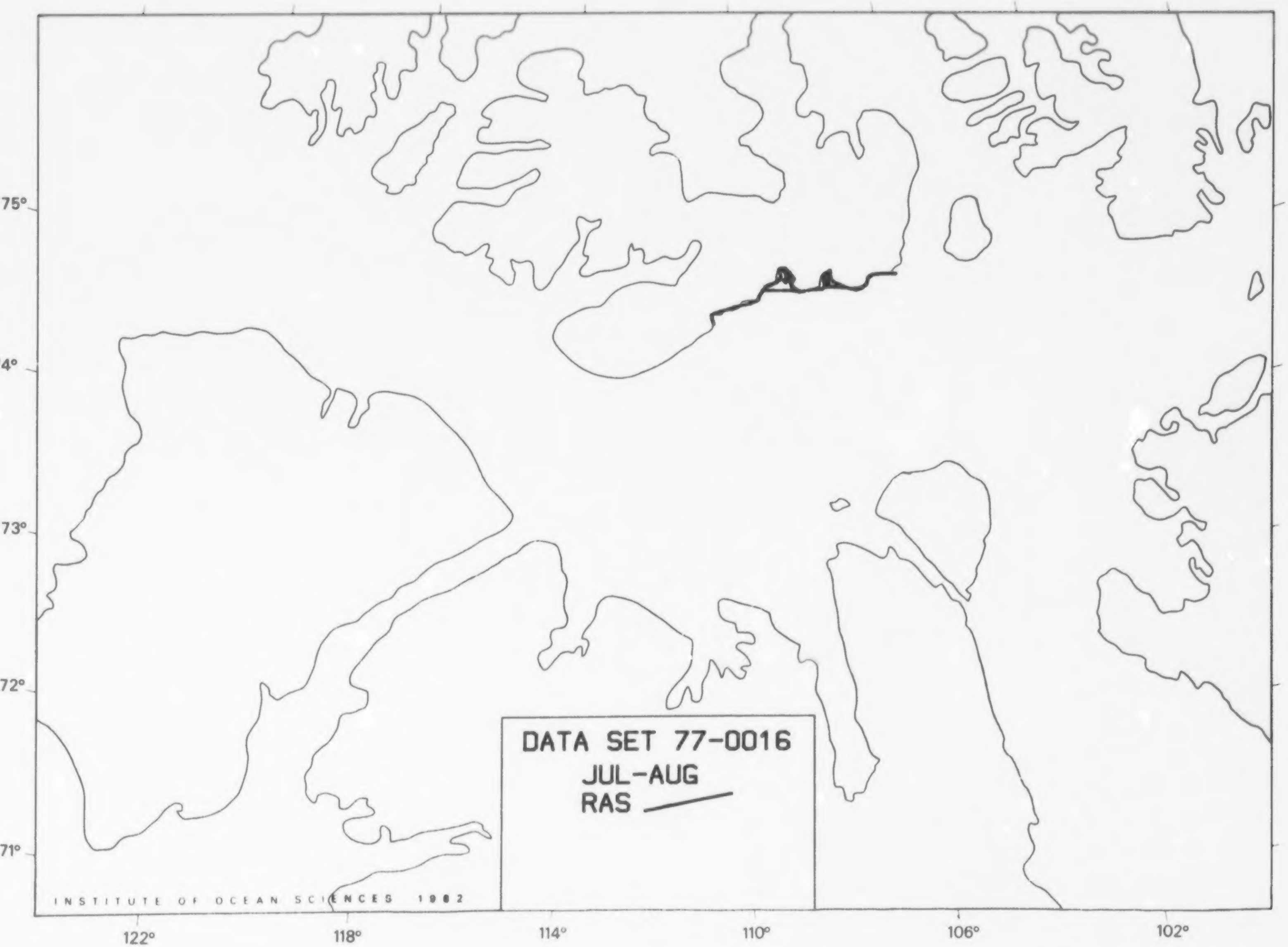
INSTITUTE OF OCEAN SCIENCES, 1982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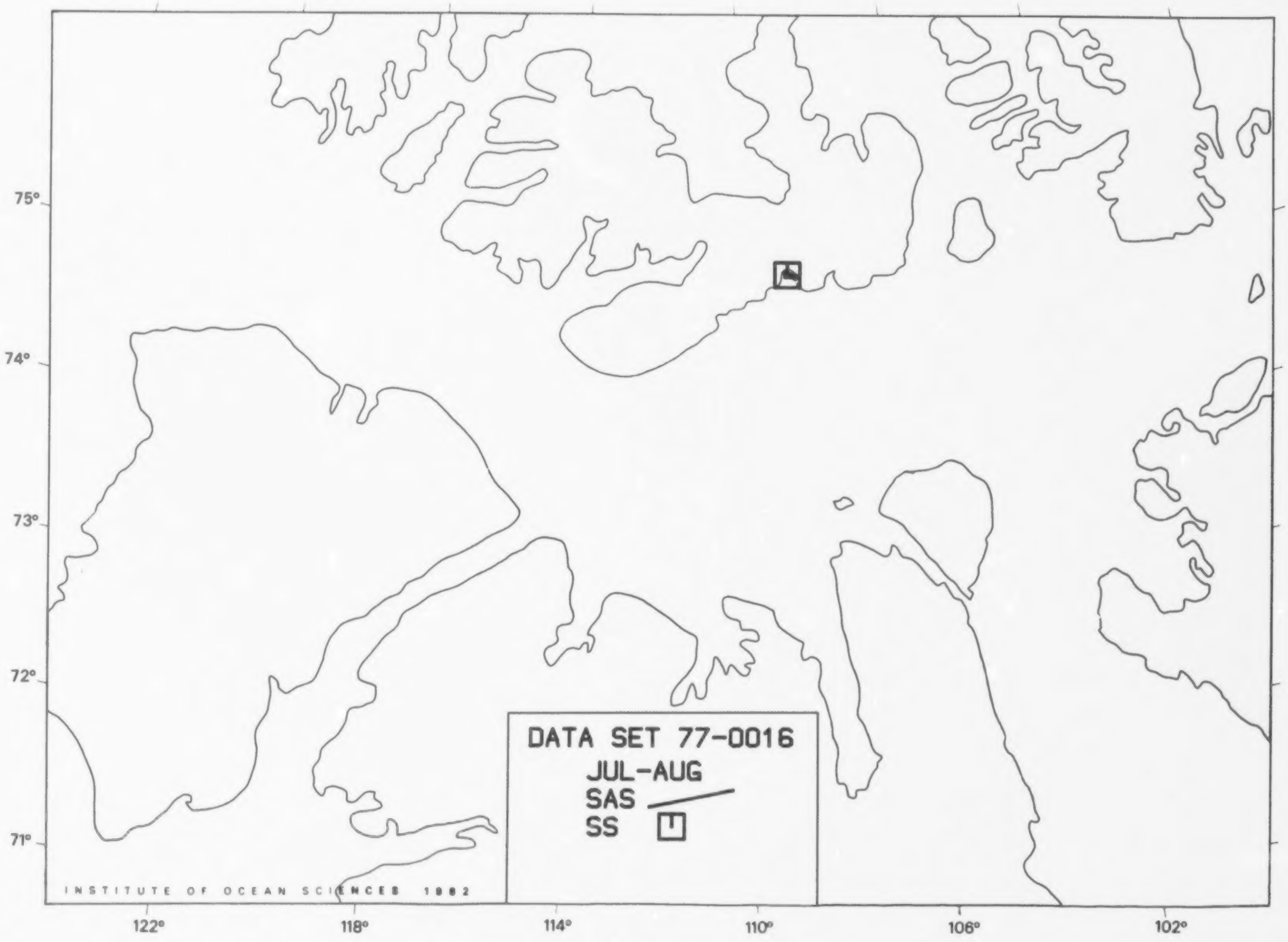
INSTITUTE OF OCEAN SCIENCES 1982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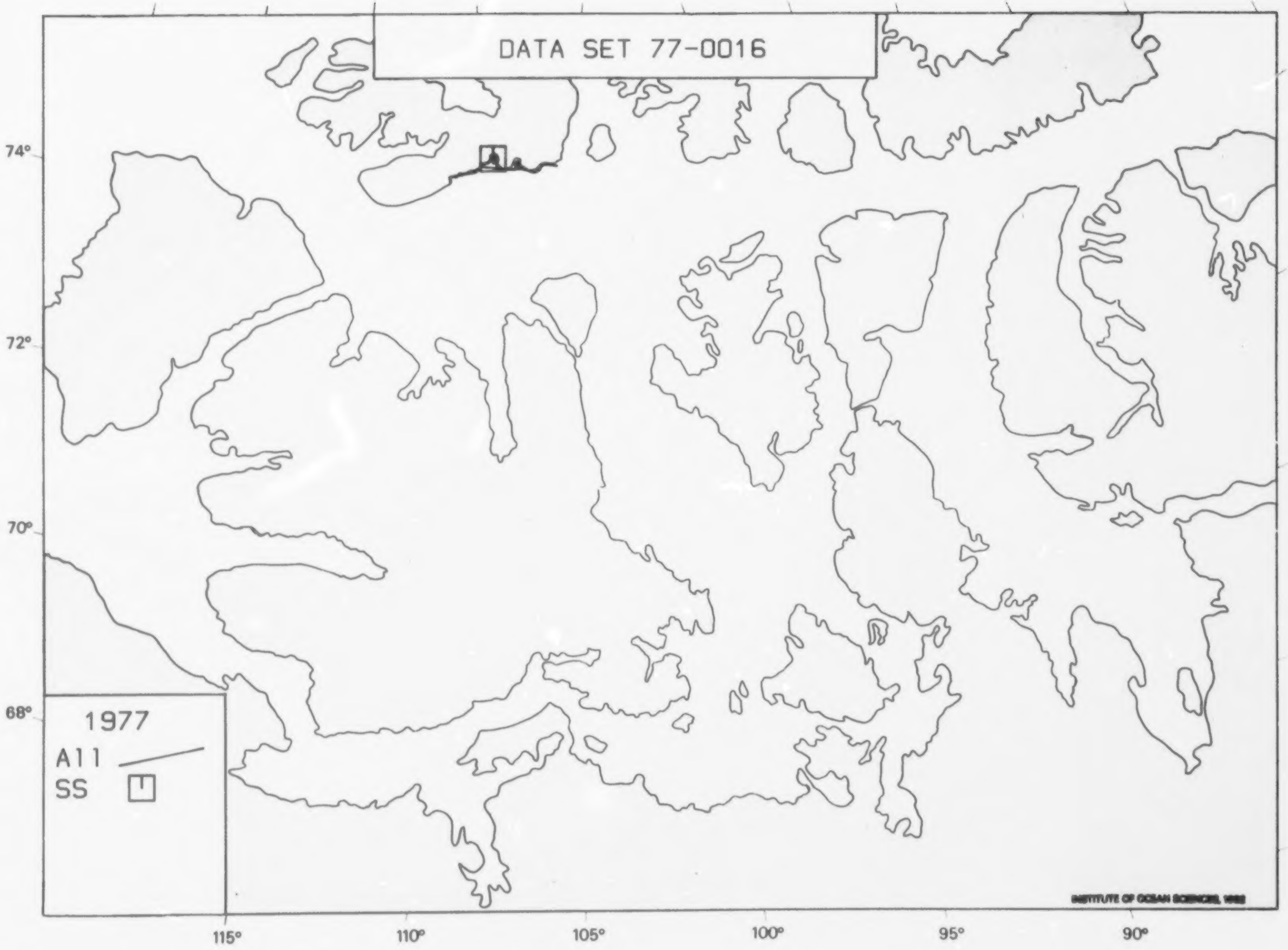
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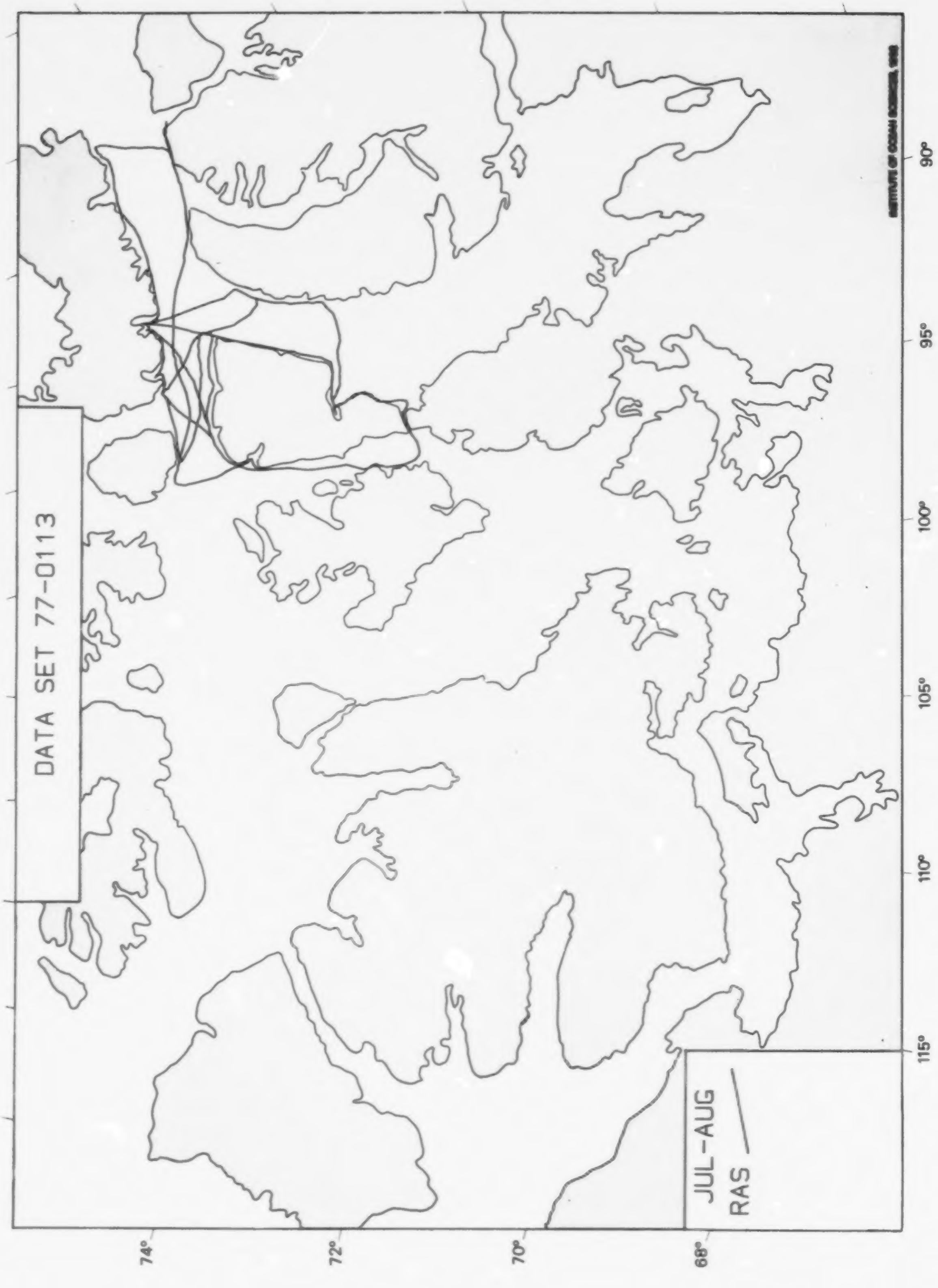
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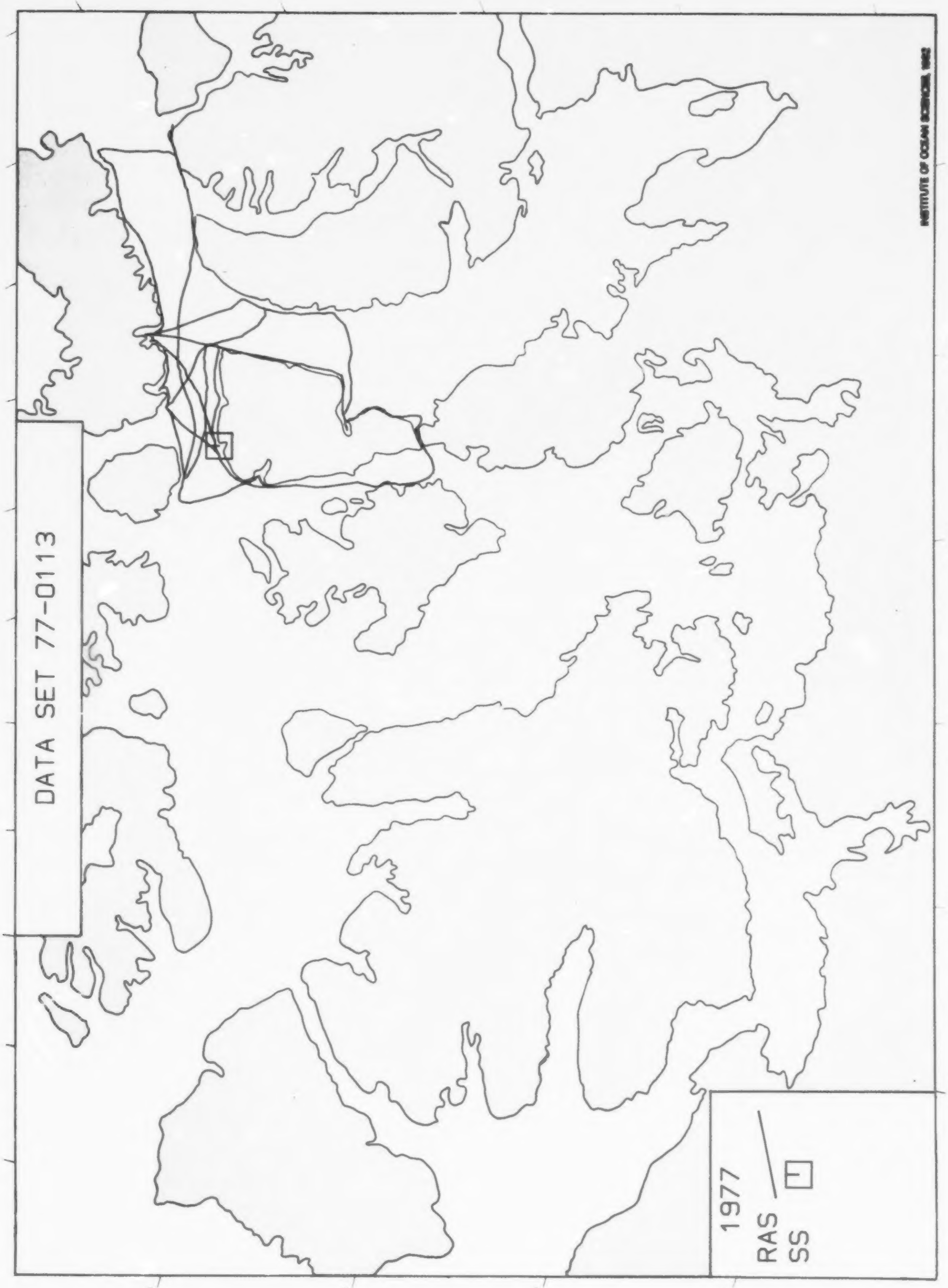
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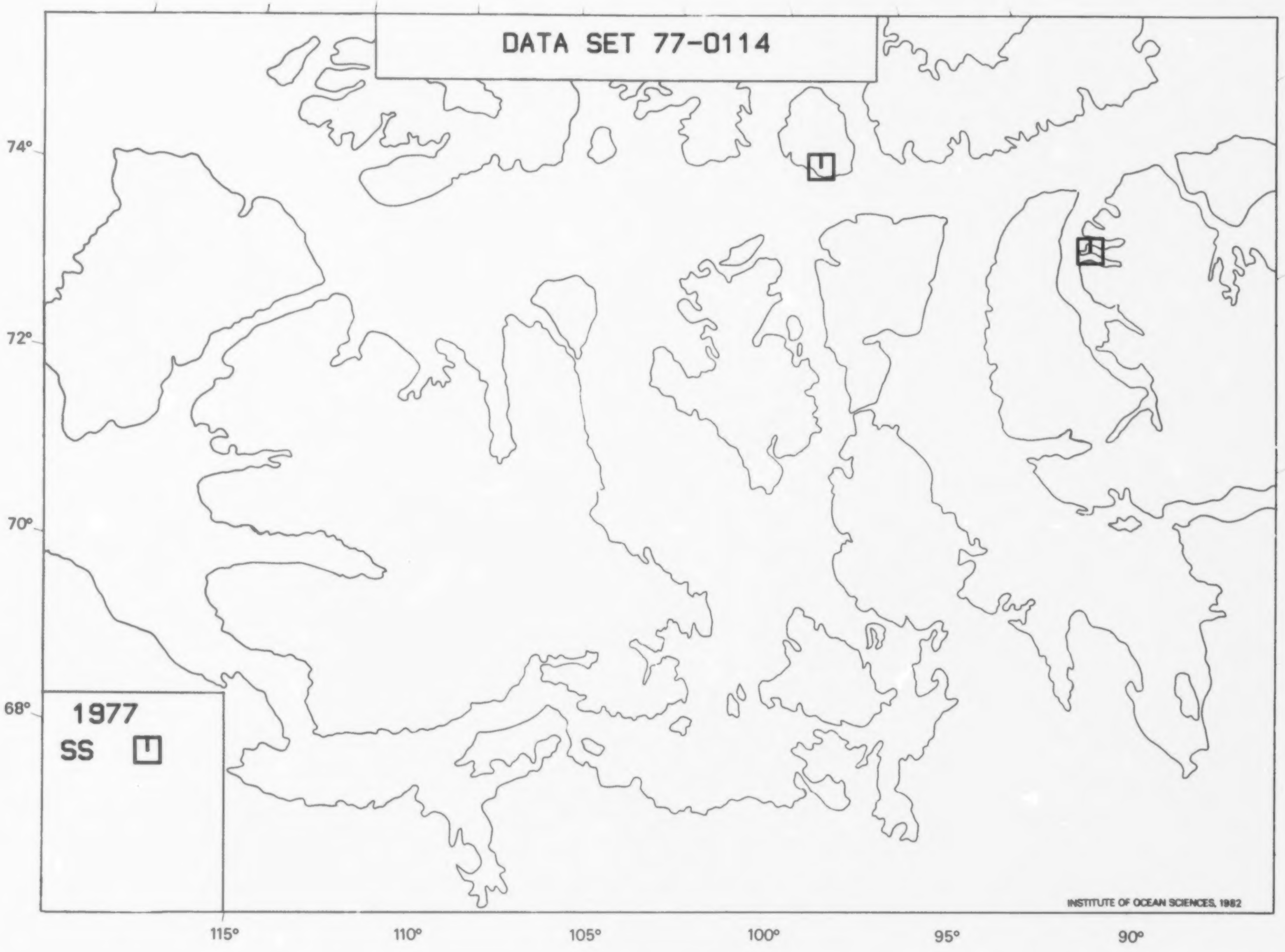
INSTITUTE OF OCEAN SCIENCES, 1982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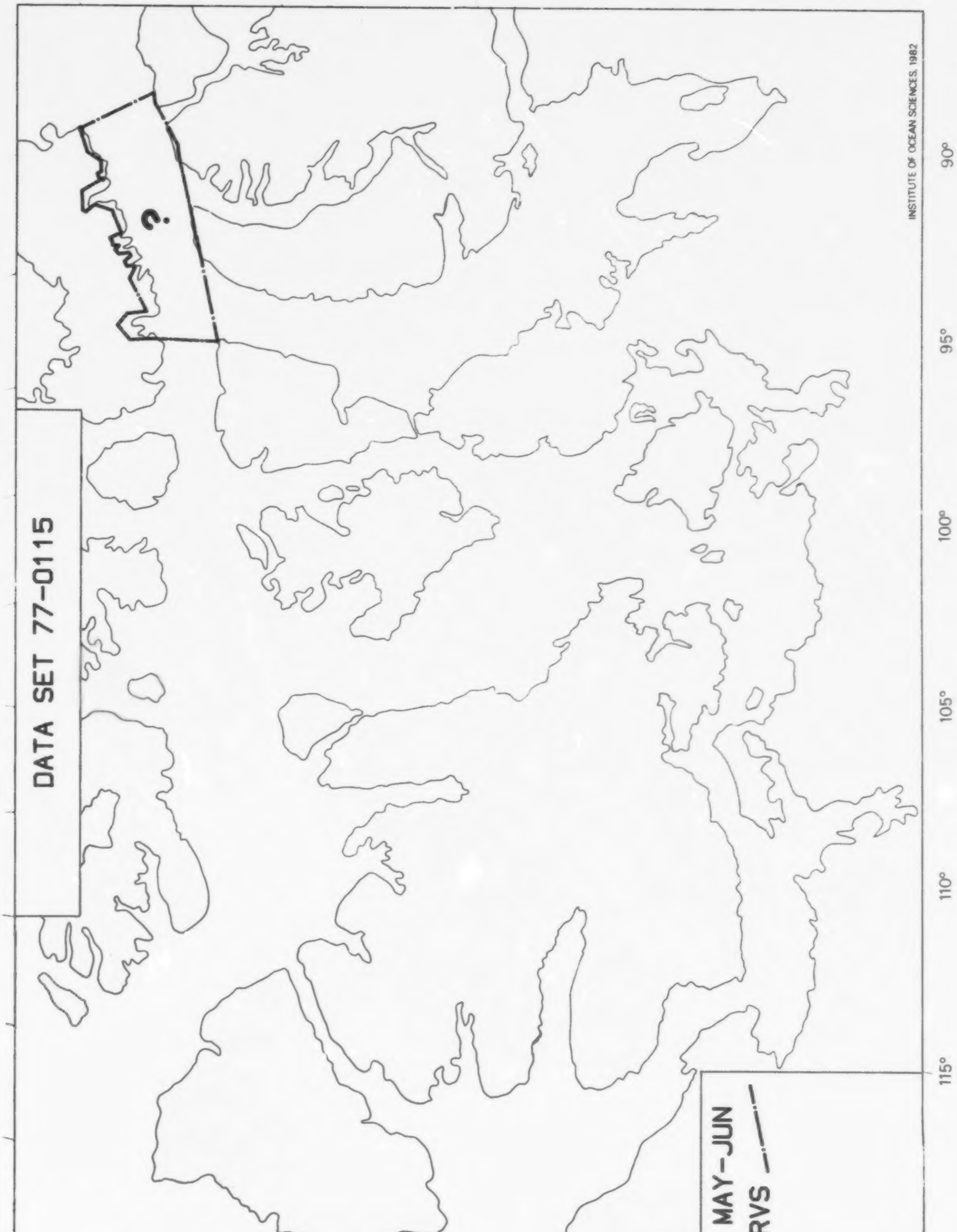
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 77-0115
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MAY-JUN
RVS
INSTITUTE OF OCEAN SCIENCES, 1982
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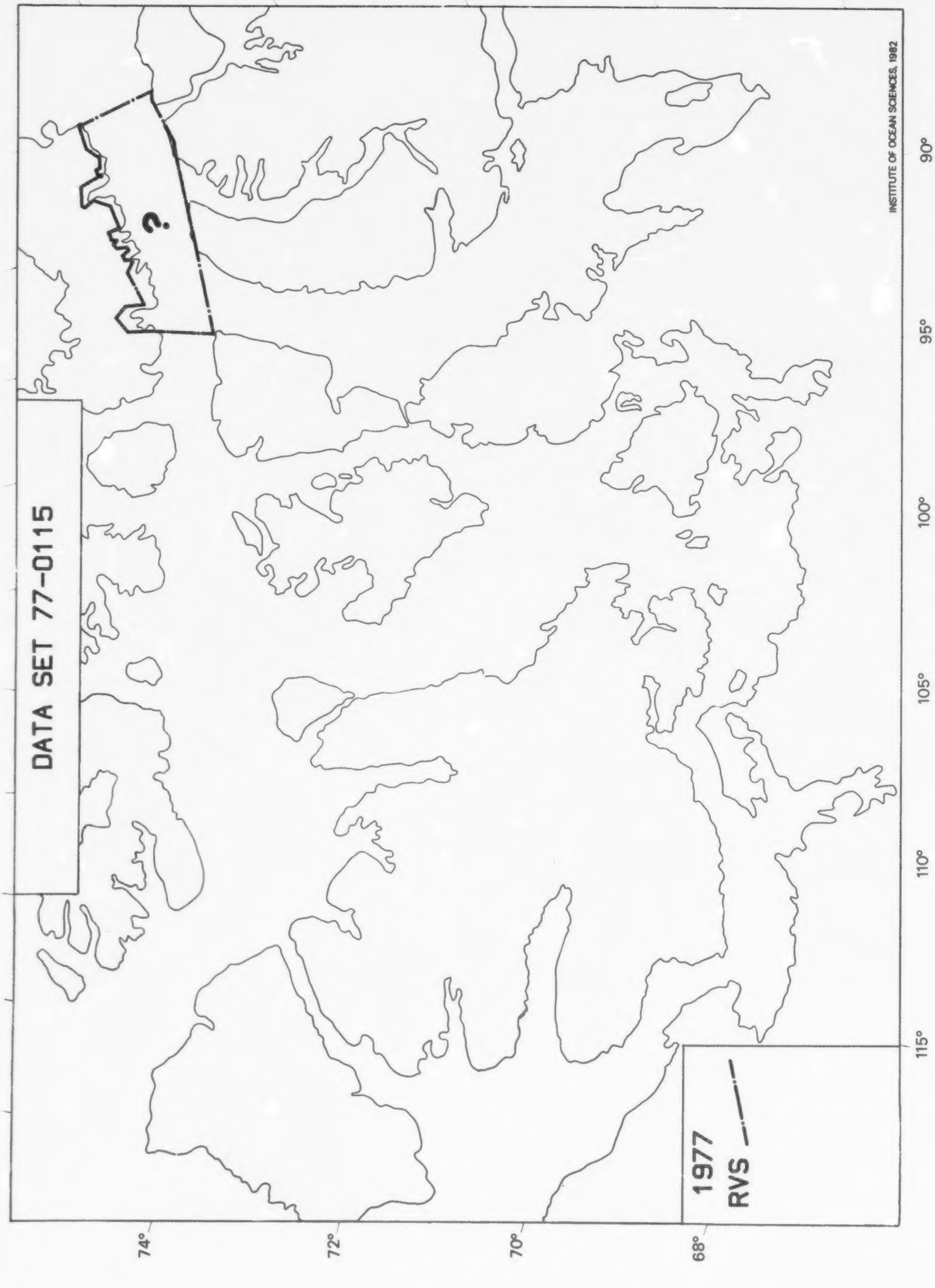
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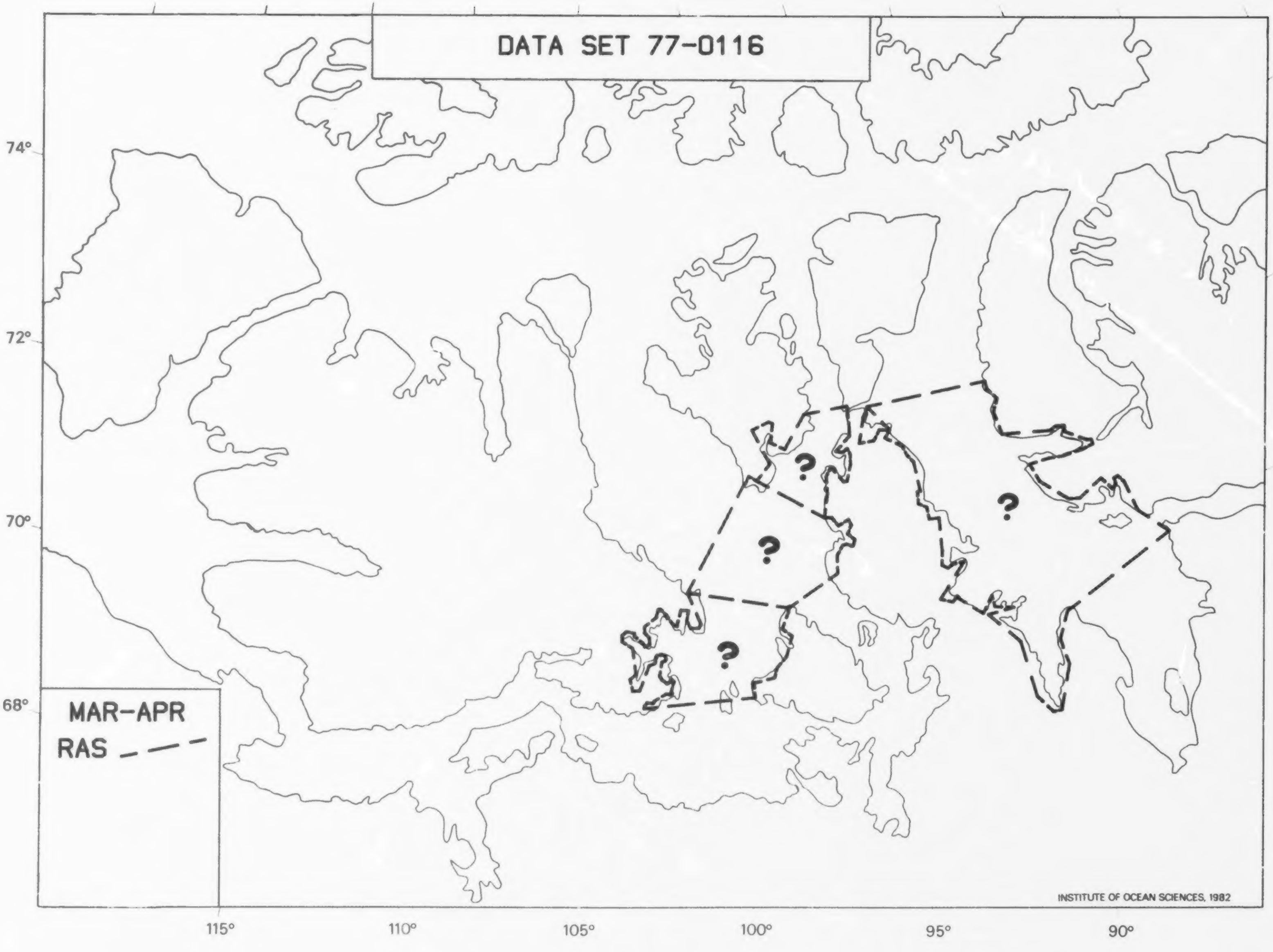
INSTITUTE OF OCEAN SCIENCES, 1982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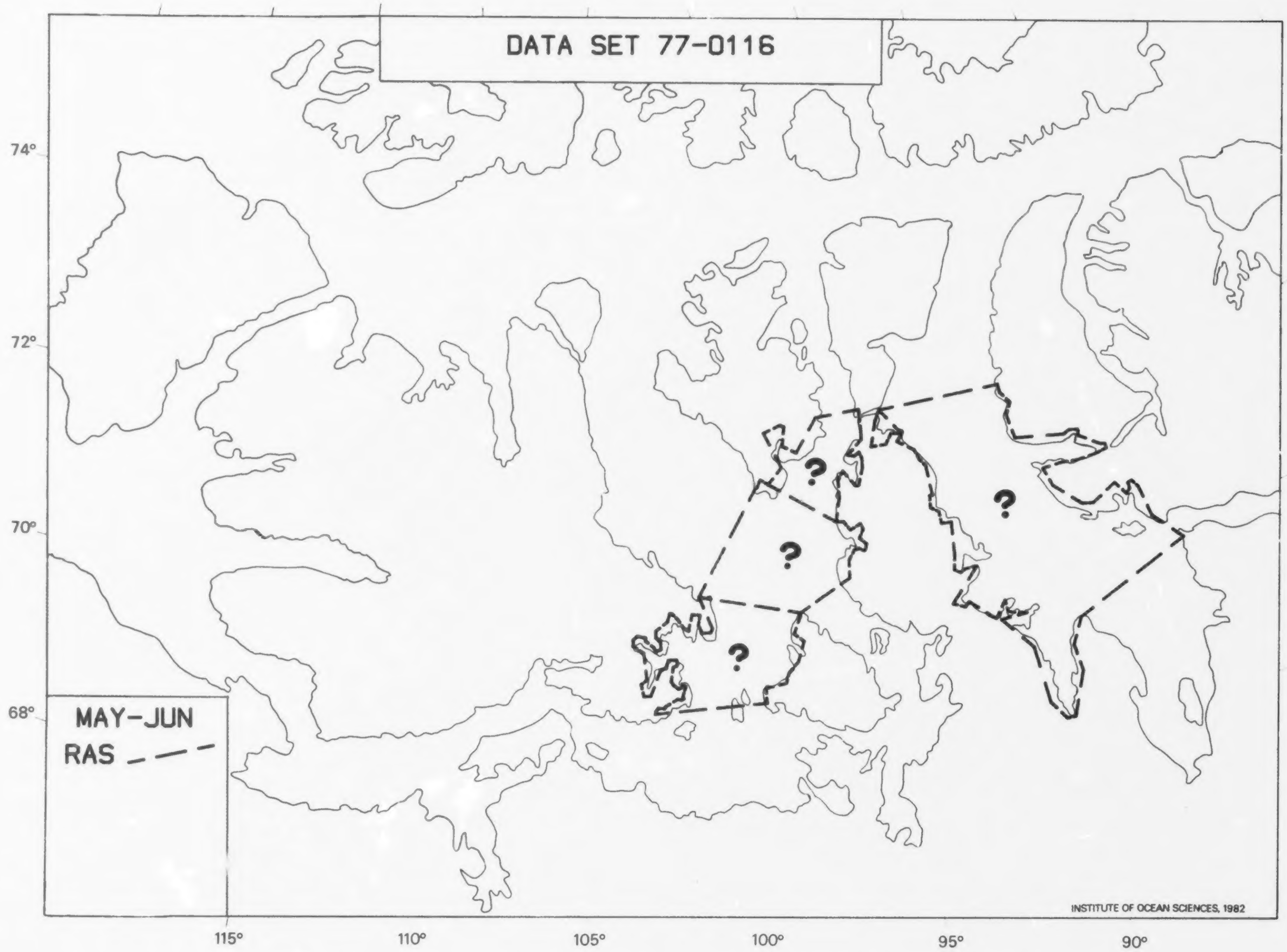
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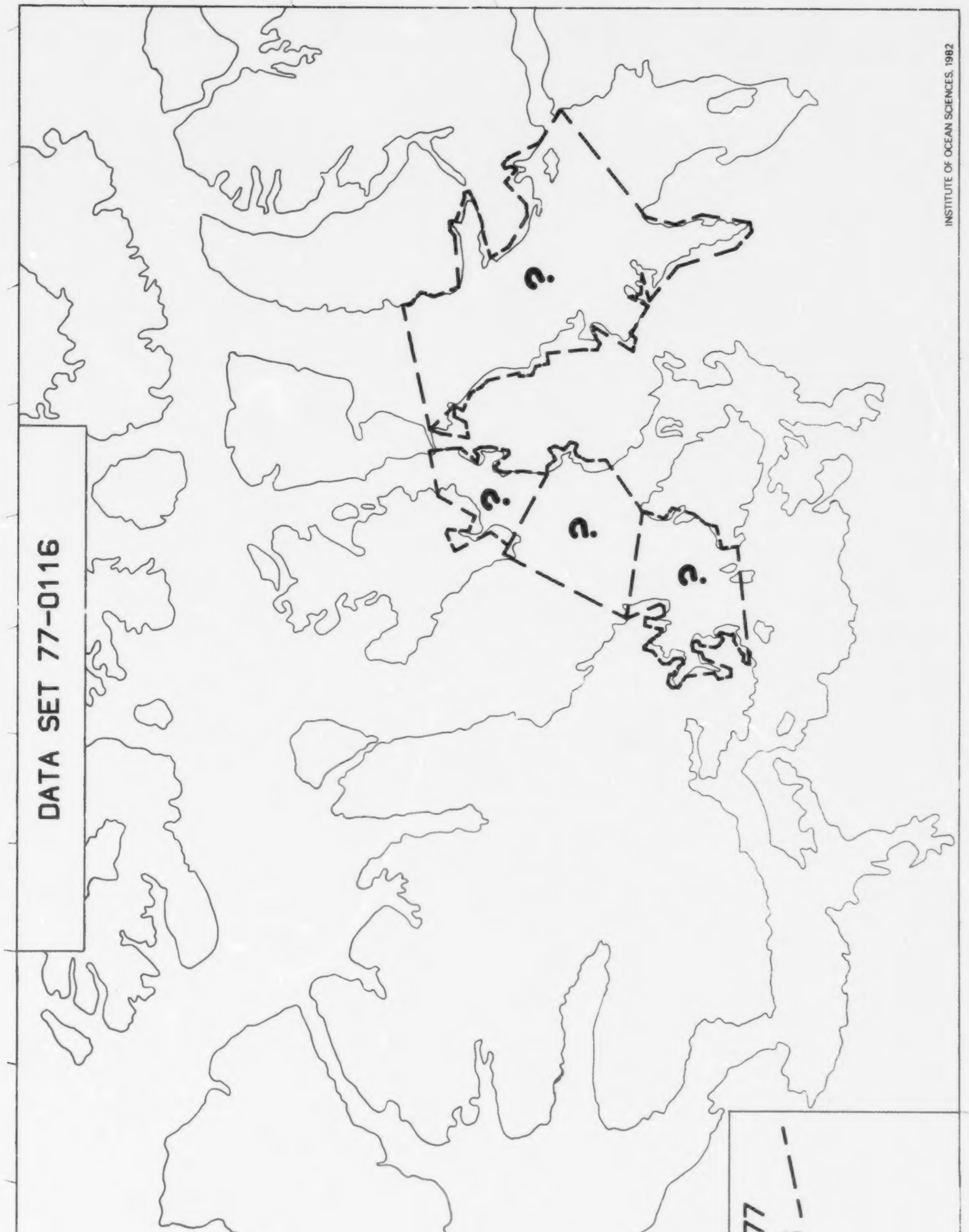
INSTITUTE OF OCEAN SCIENCES, 1982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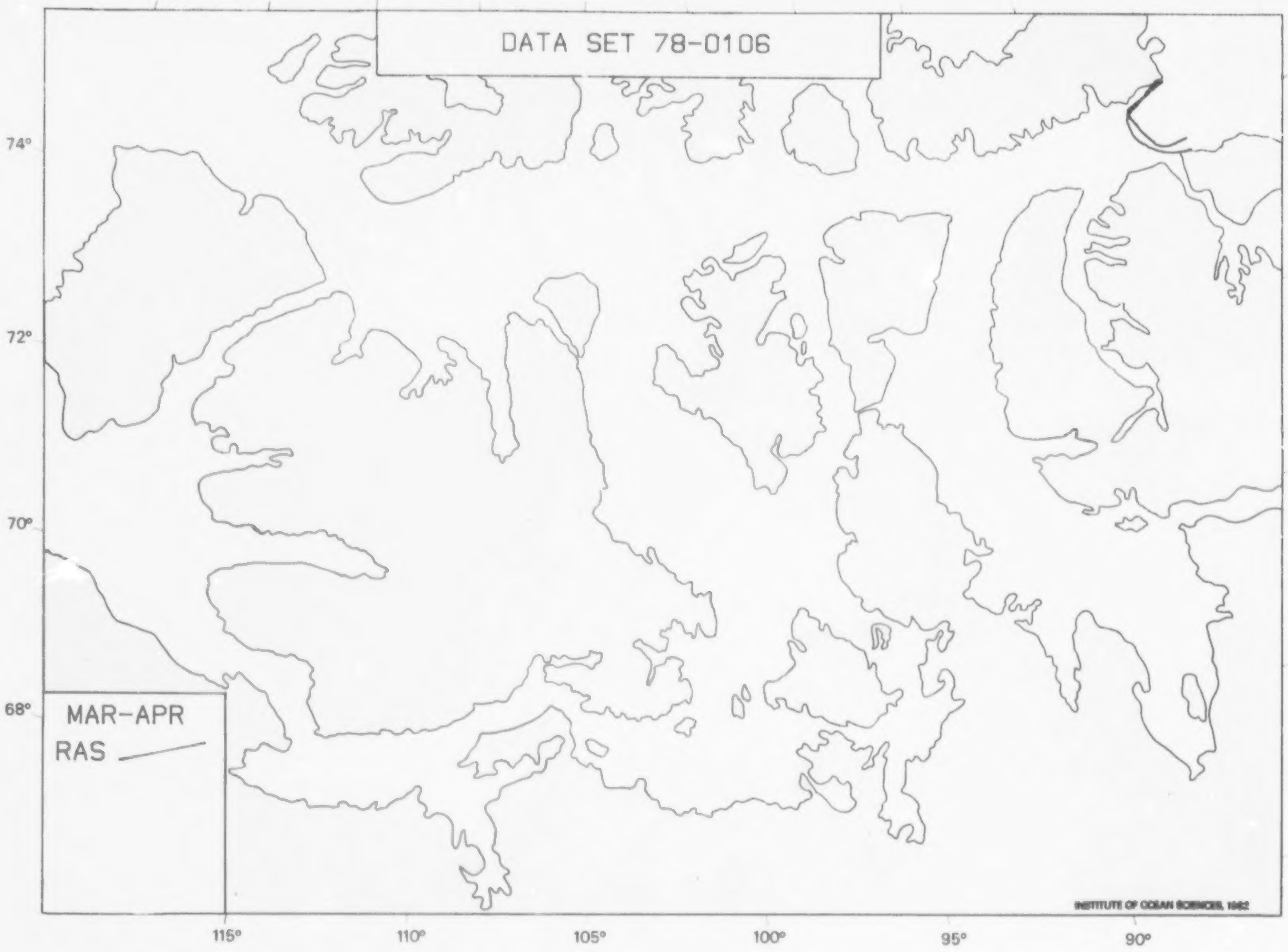
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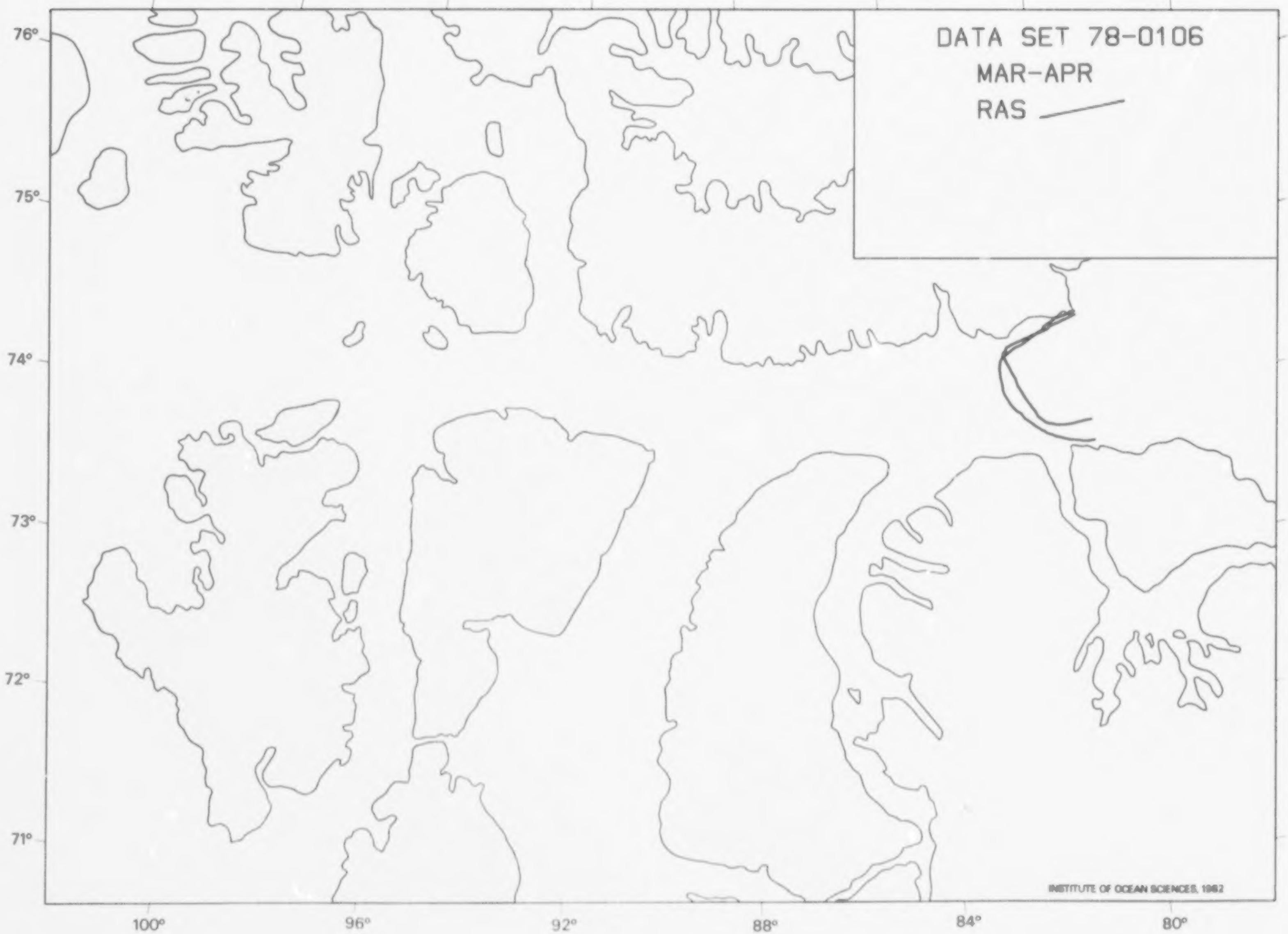
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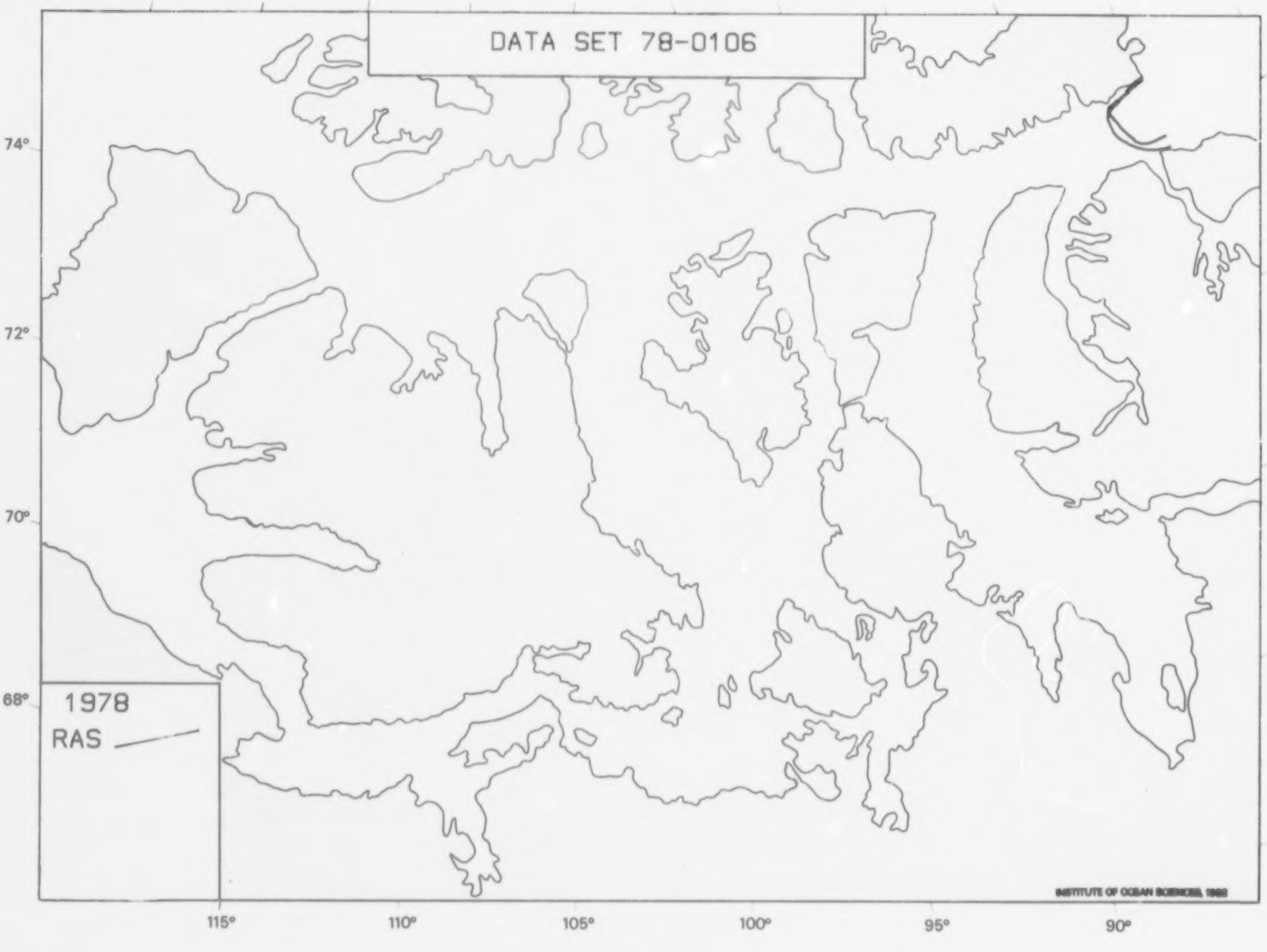
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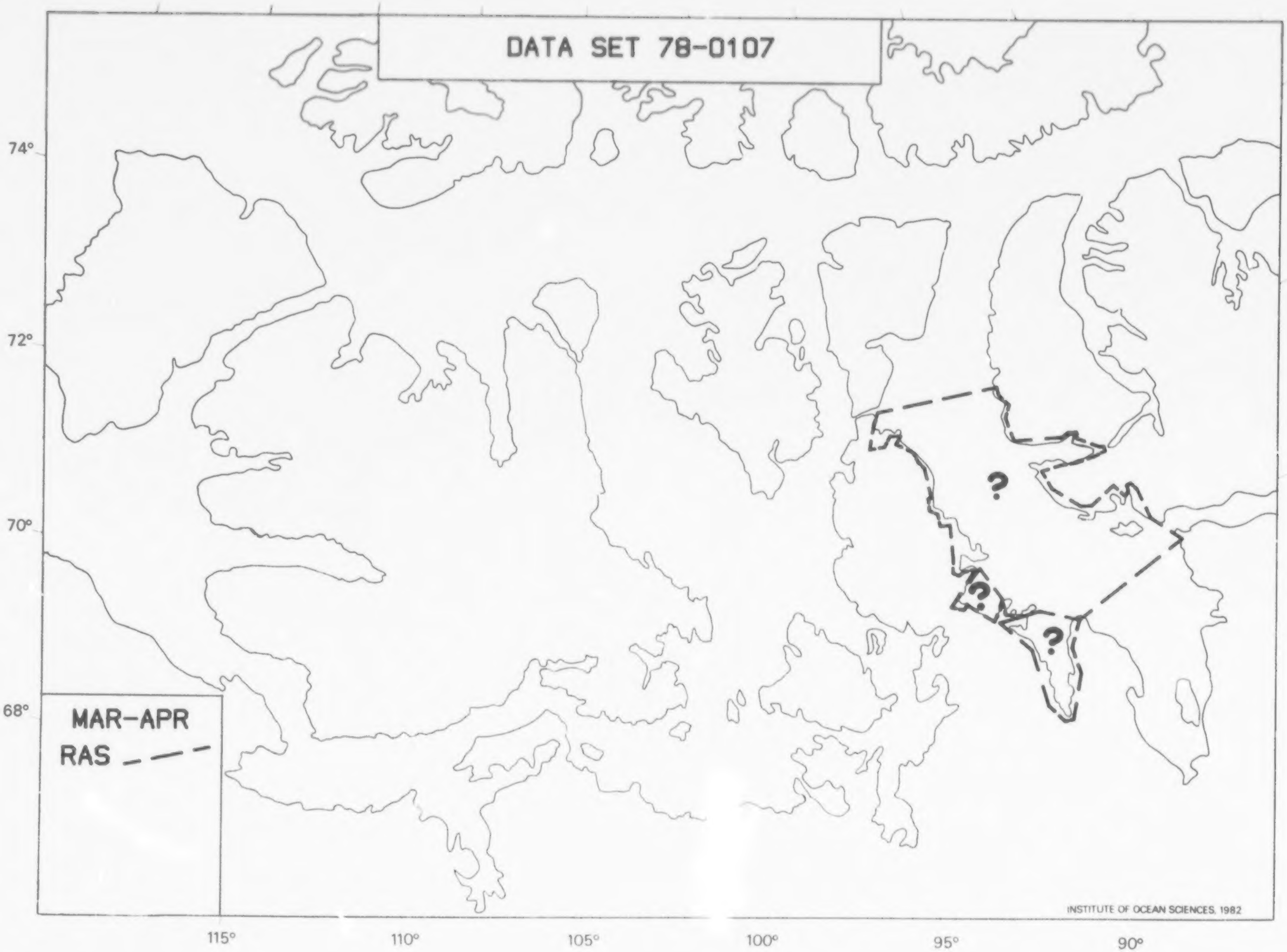
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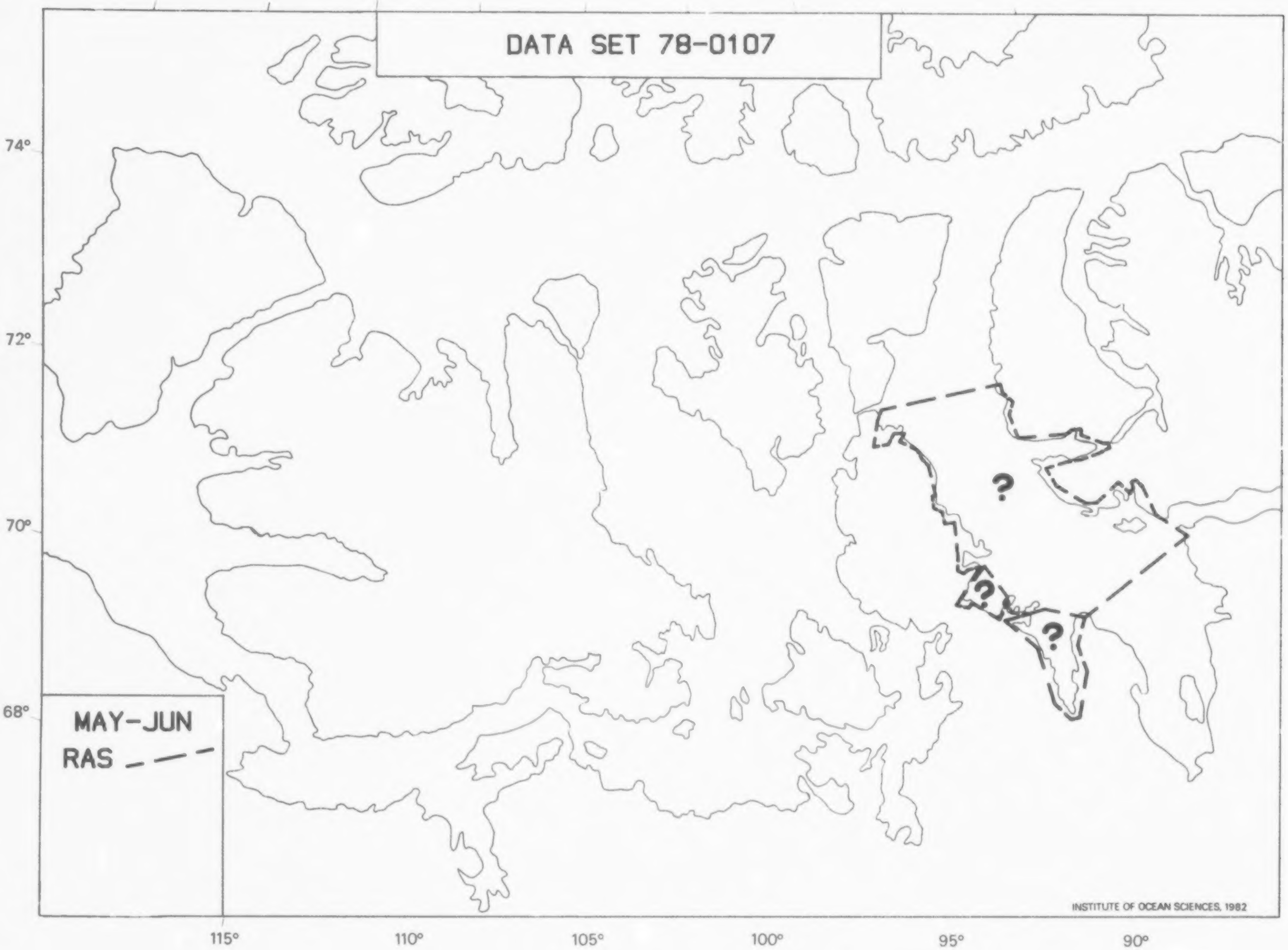
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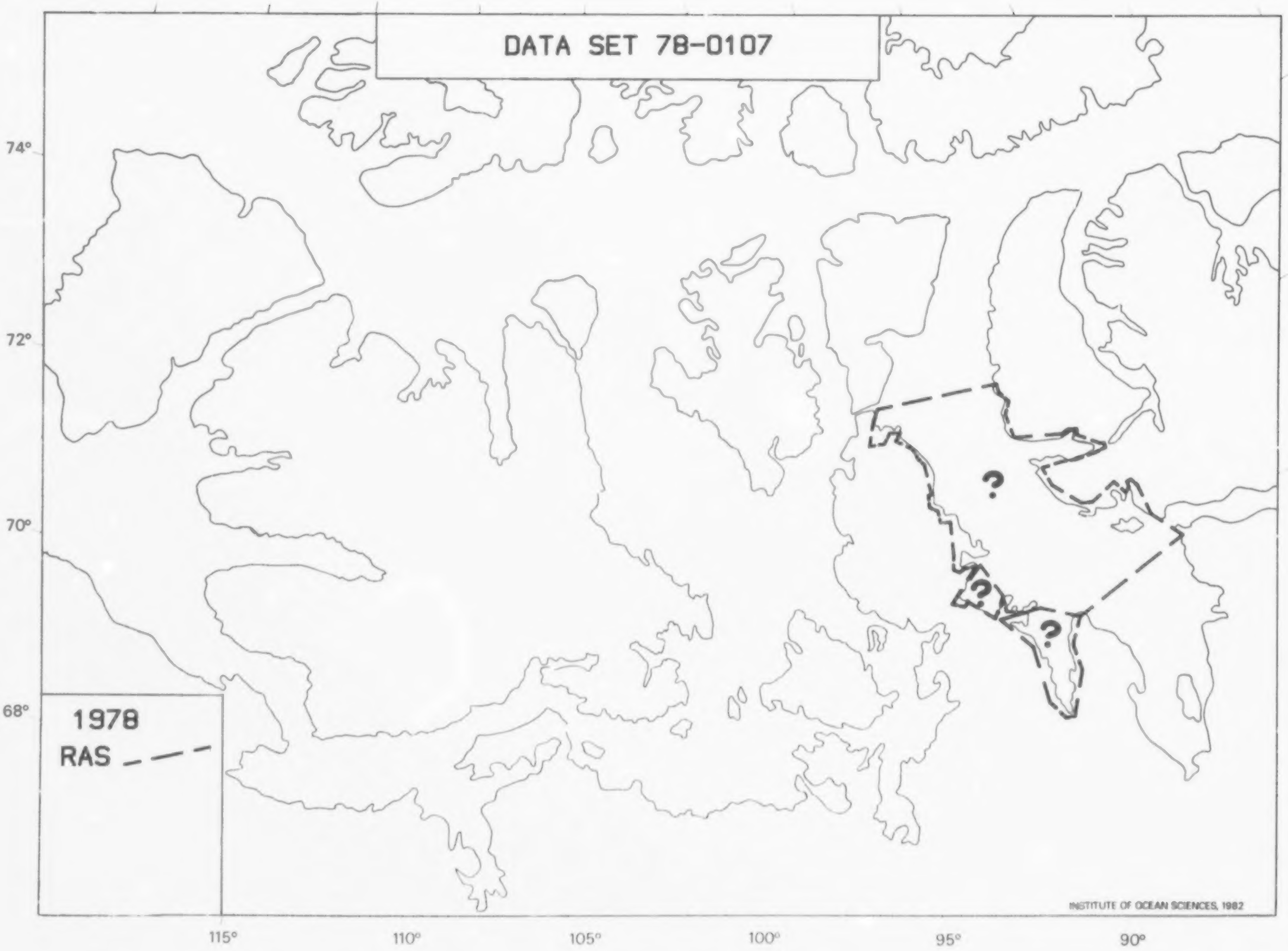
INSTITUTE OF OCEAN SCIENCES, 1982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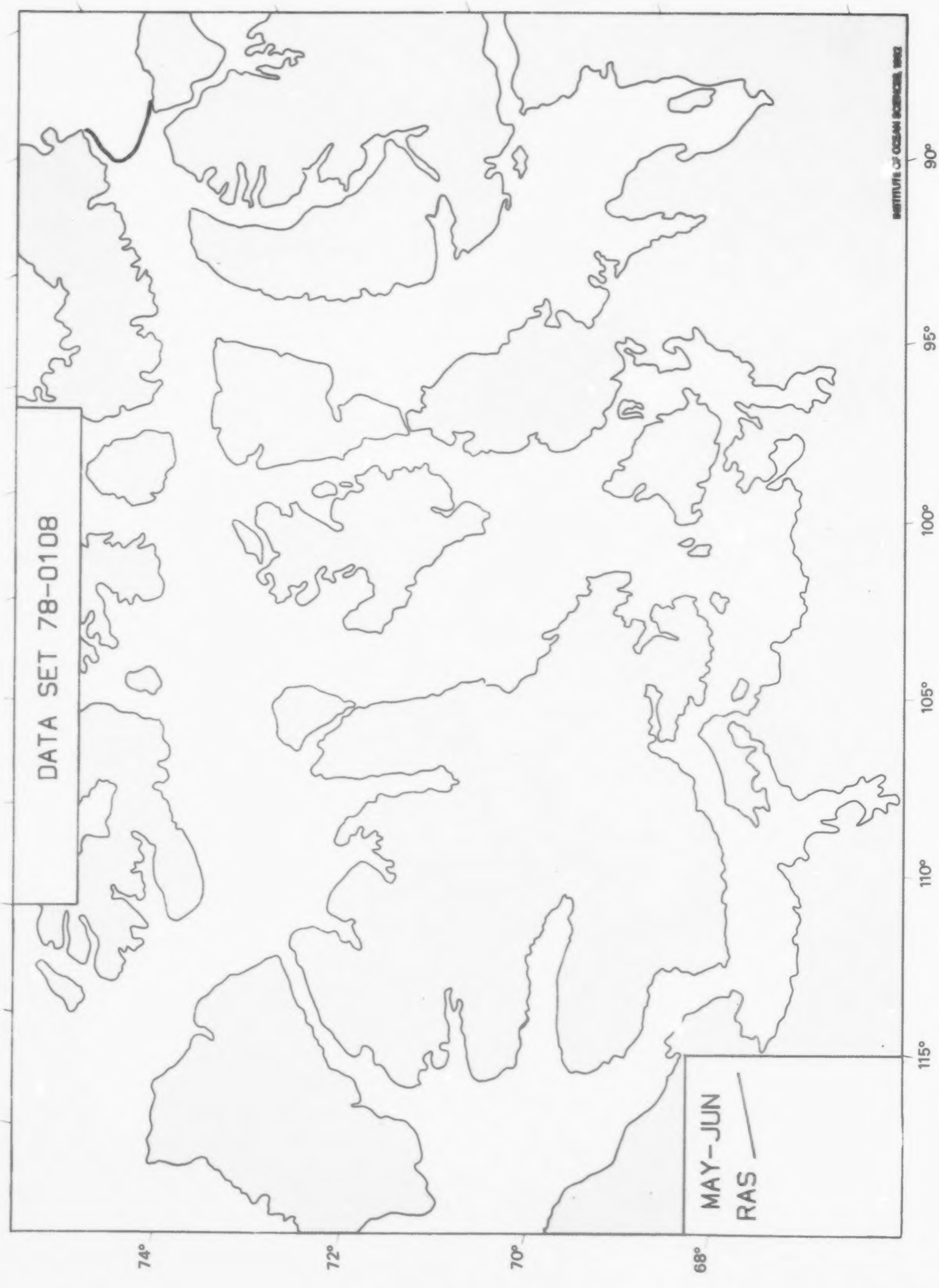
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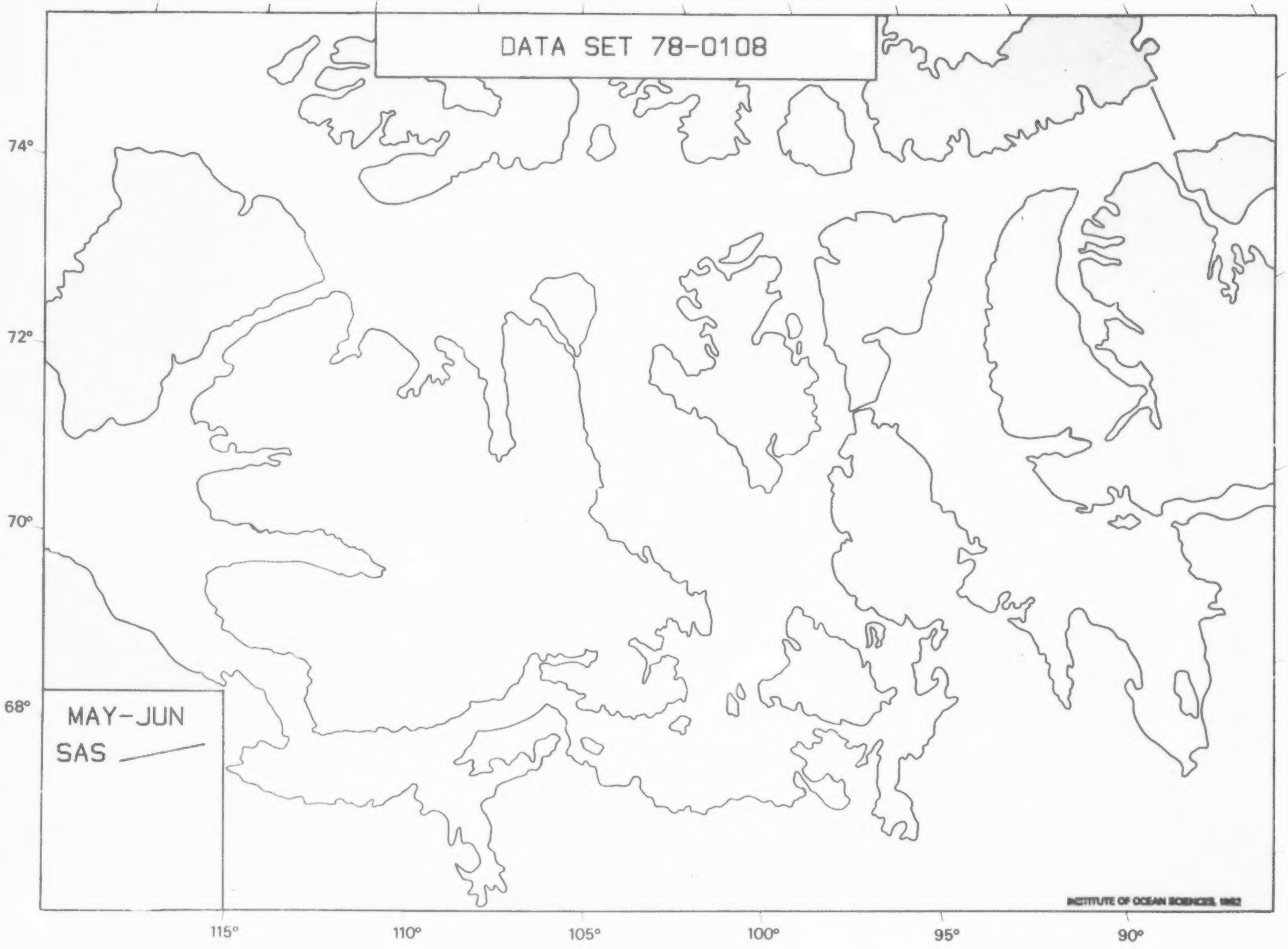
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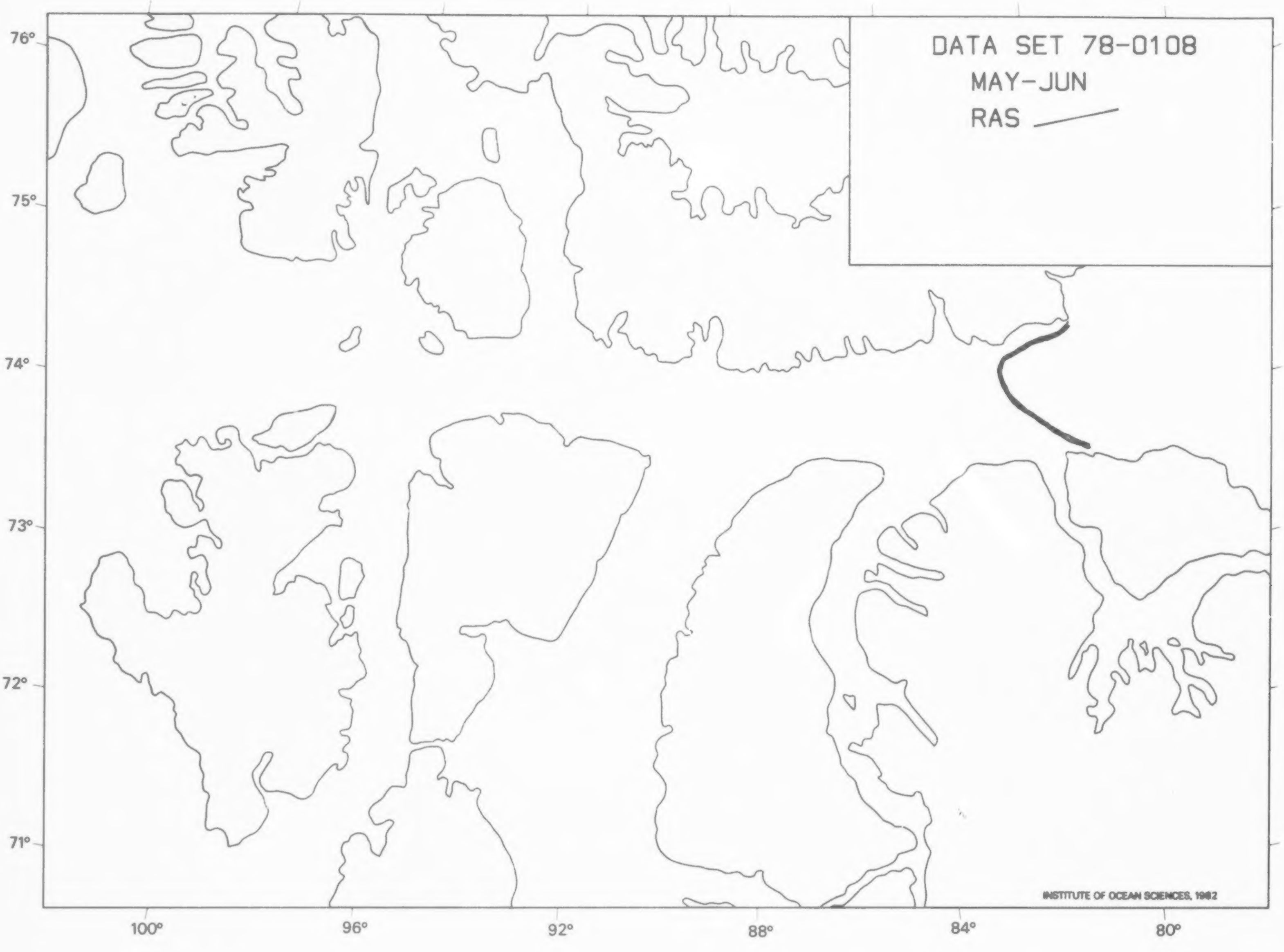
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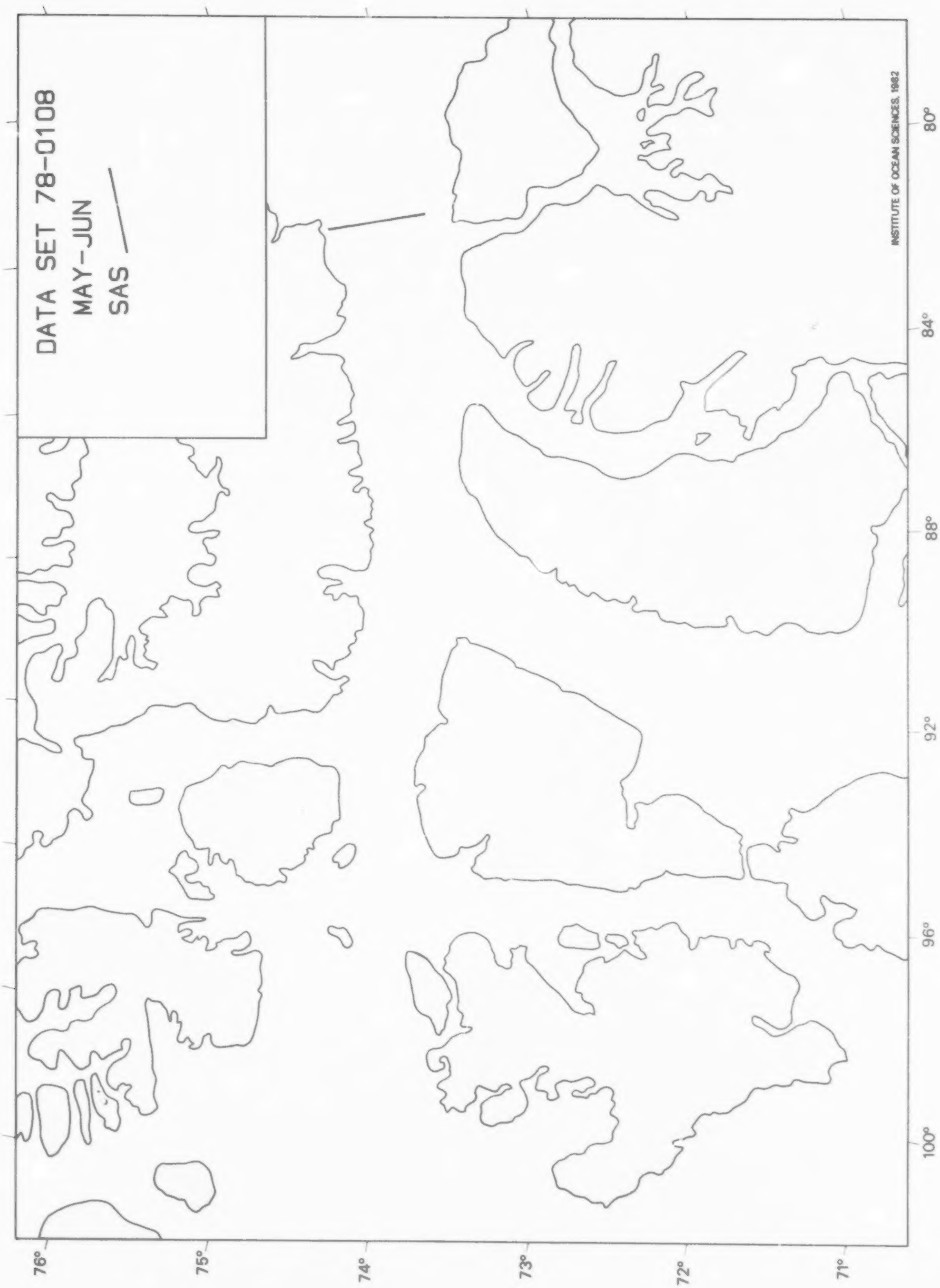
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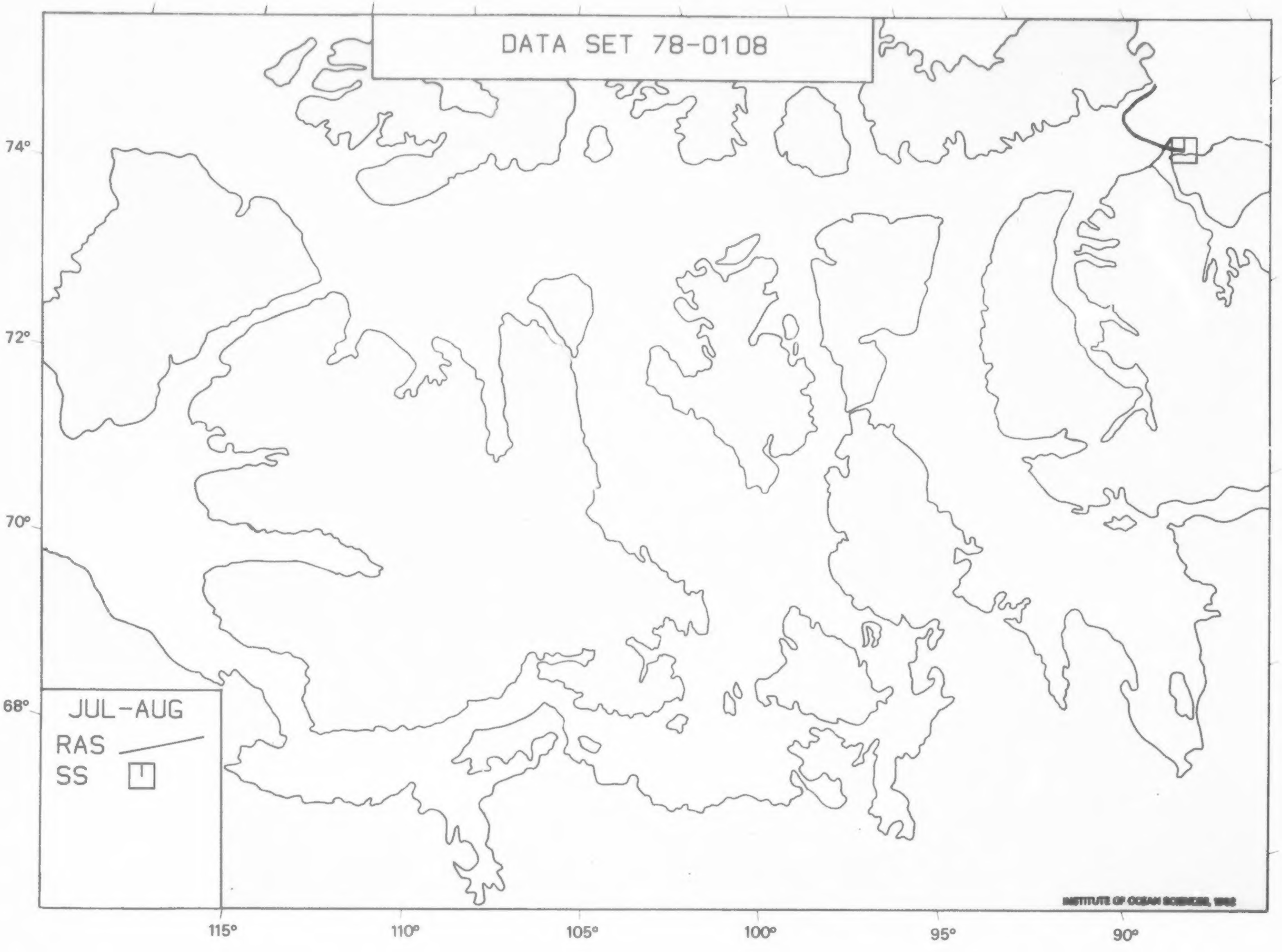
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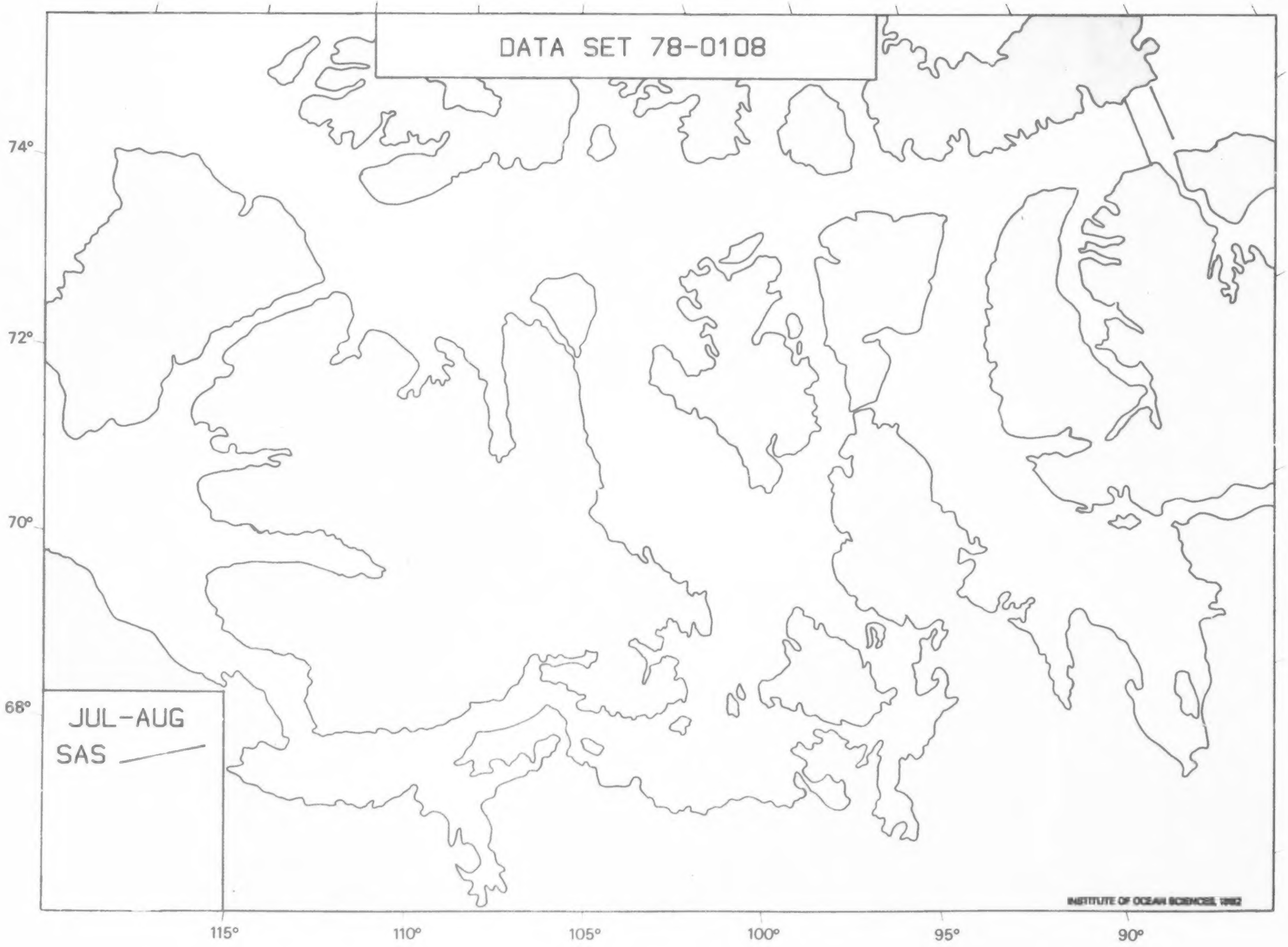
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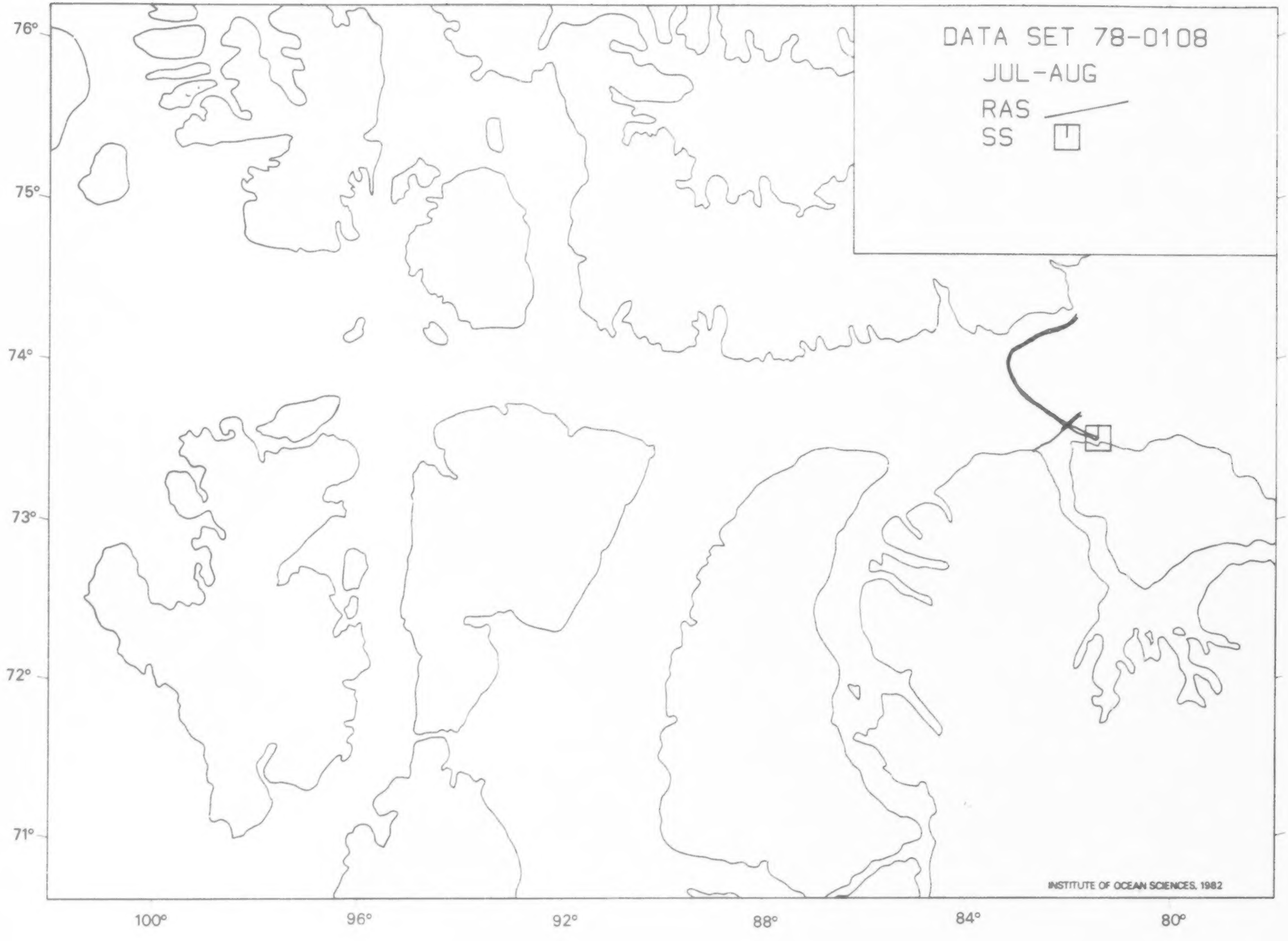
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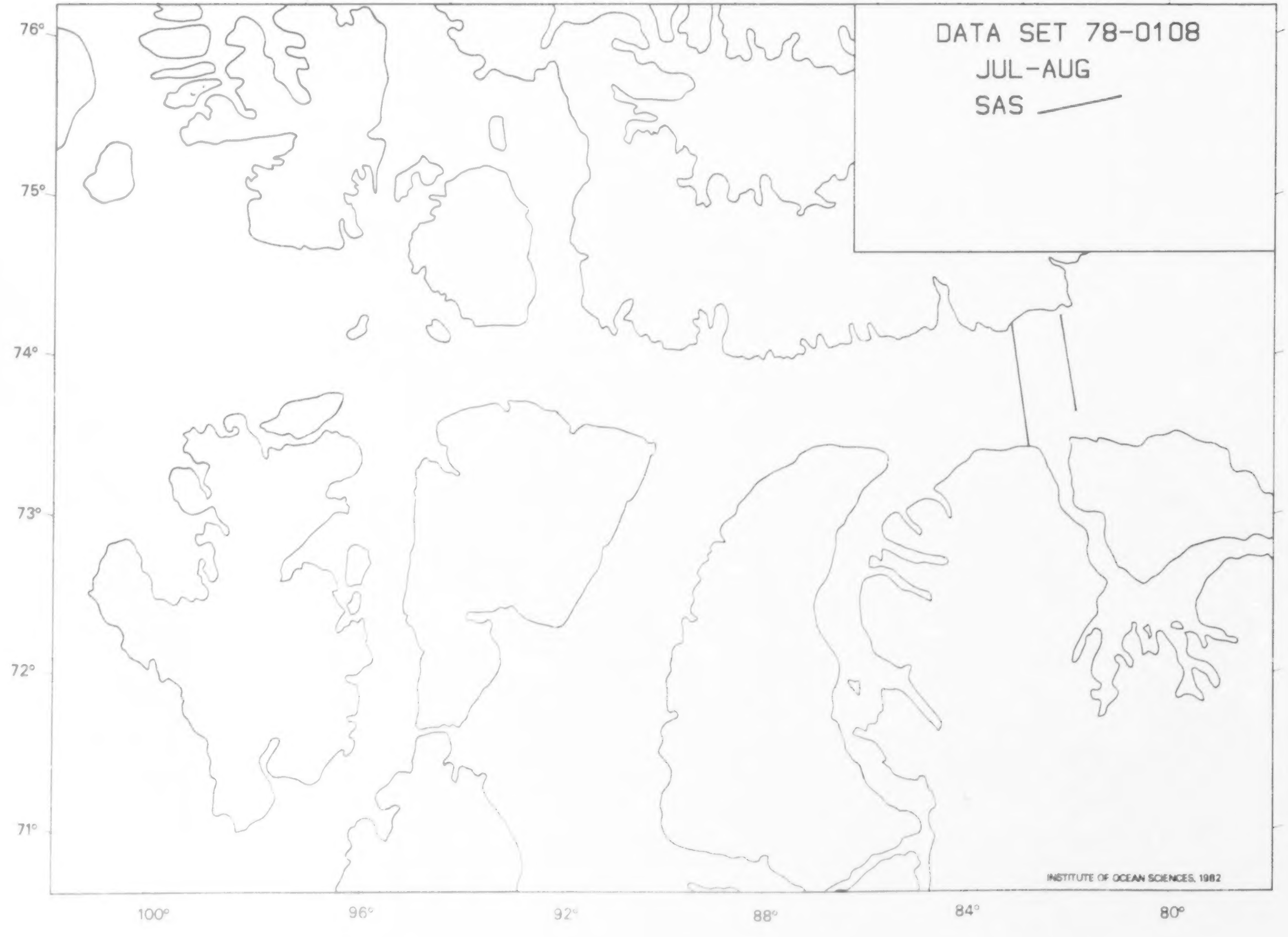
INSTITUTE OF OCEAN SCIENCES, 1982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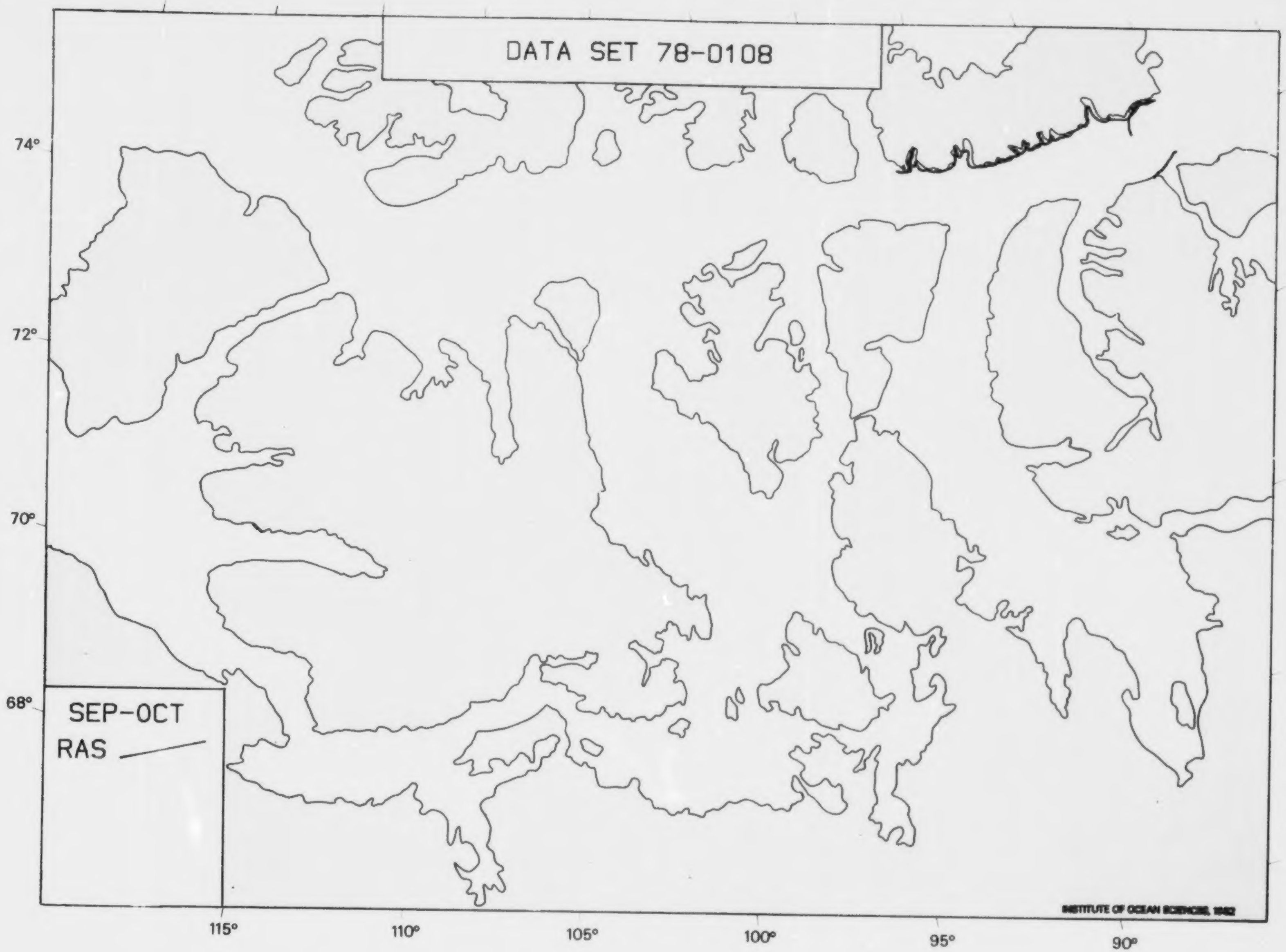
INSTITUTE OF OCEAN SCIENCES, 1982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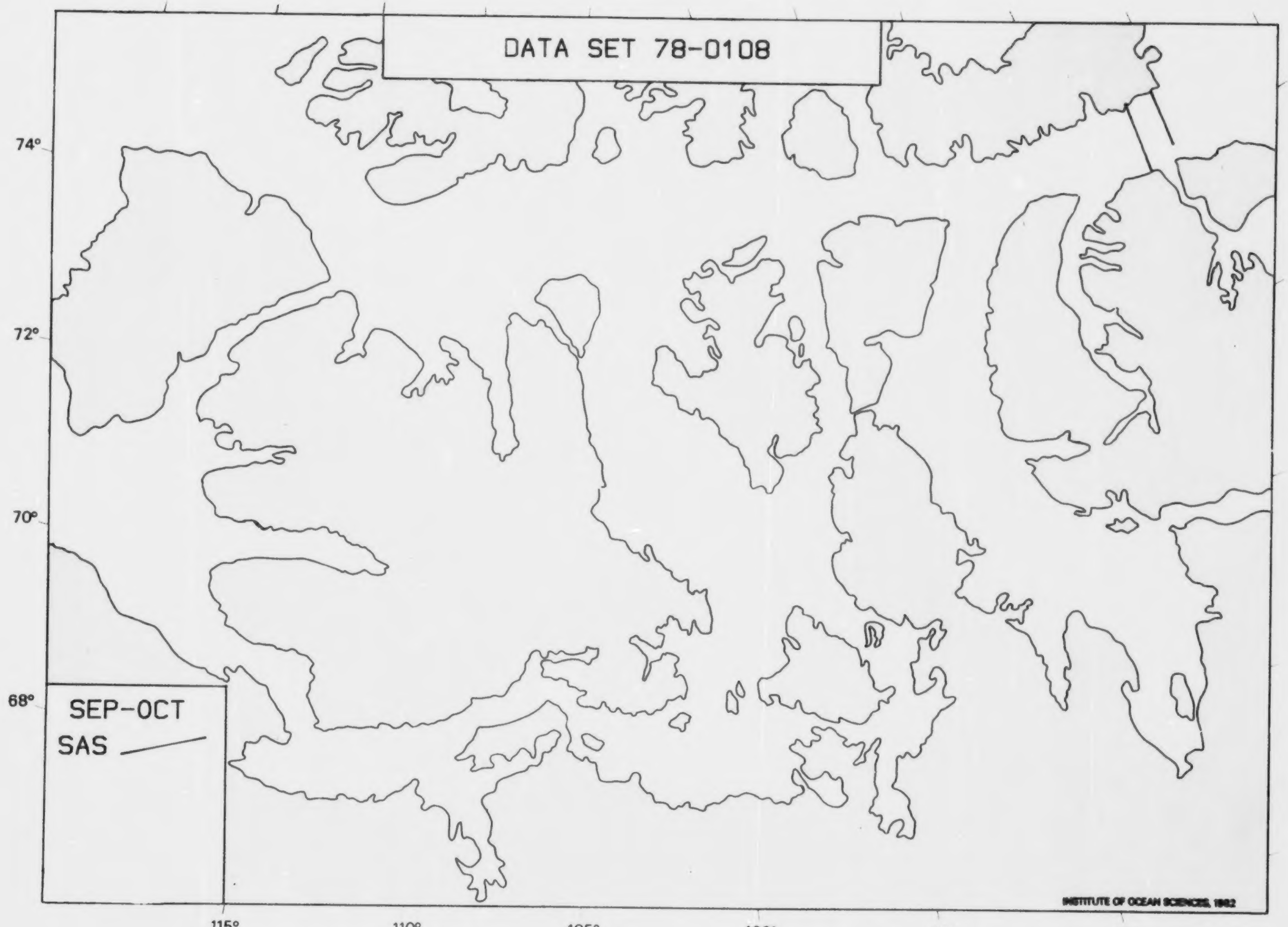
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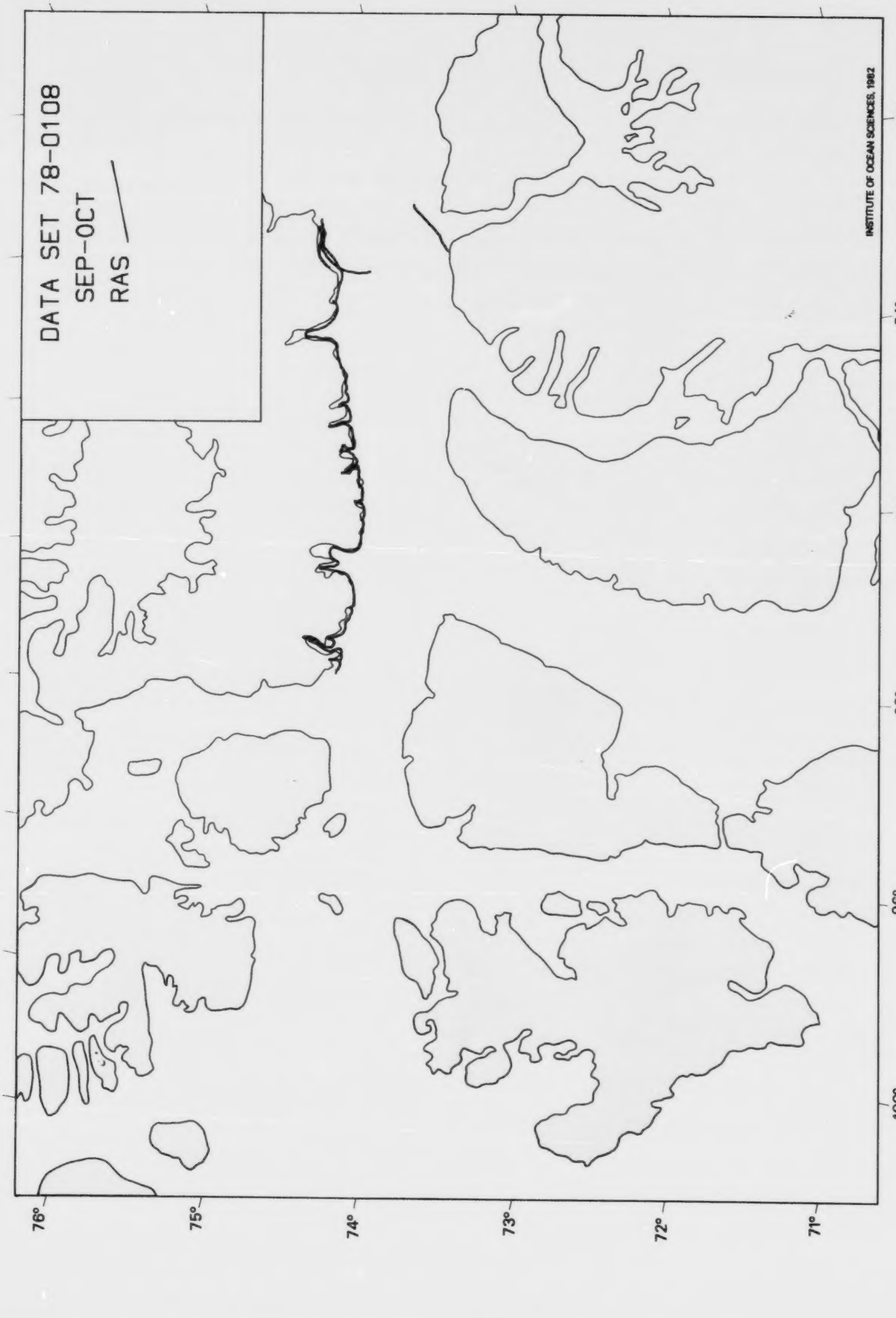
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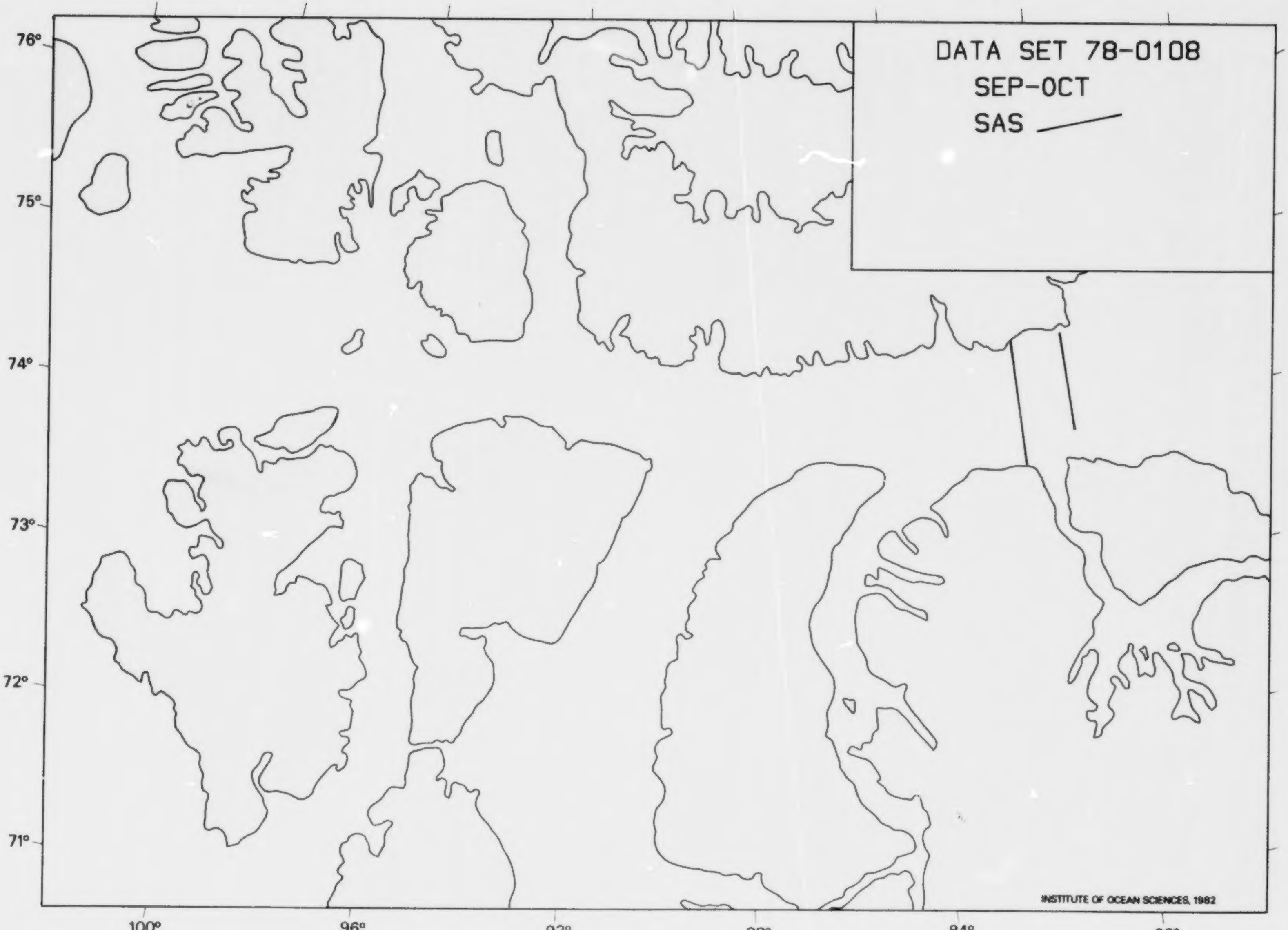
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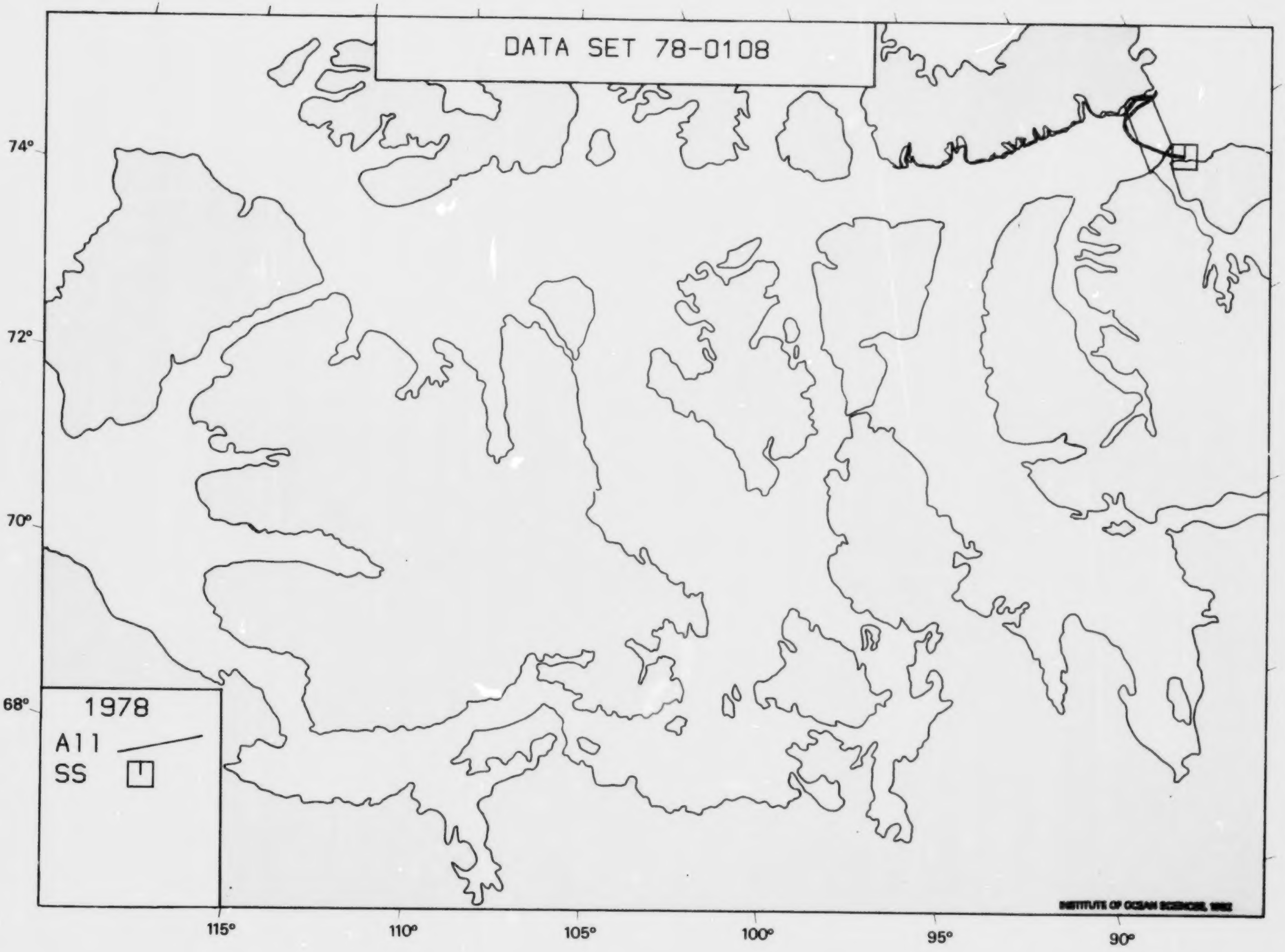
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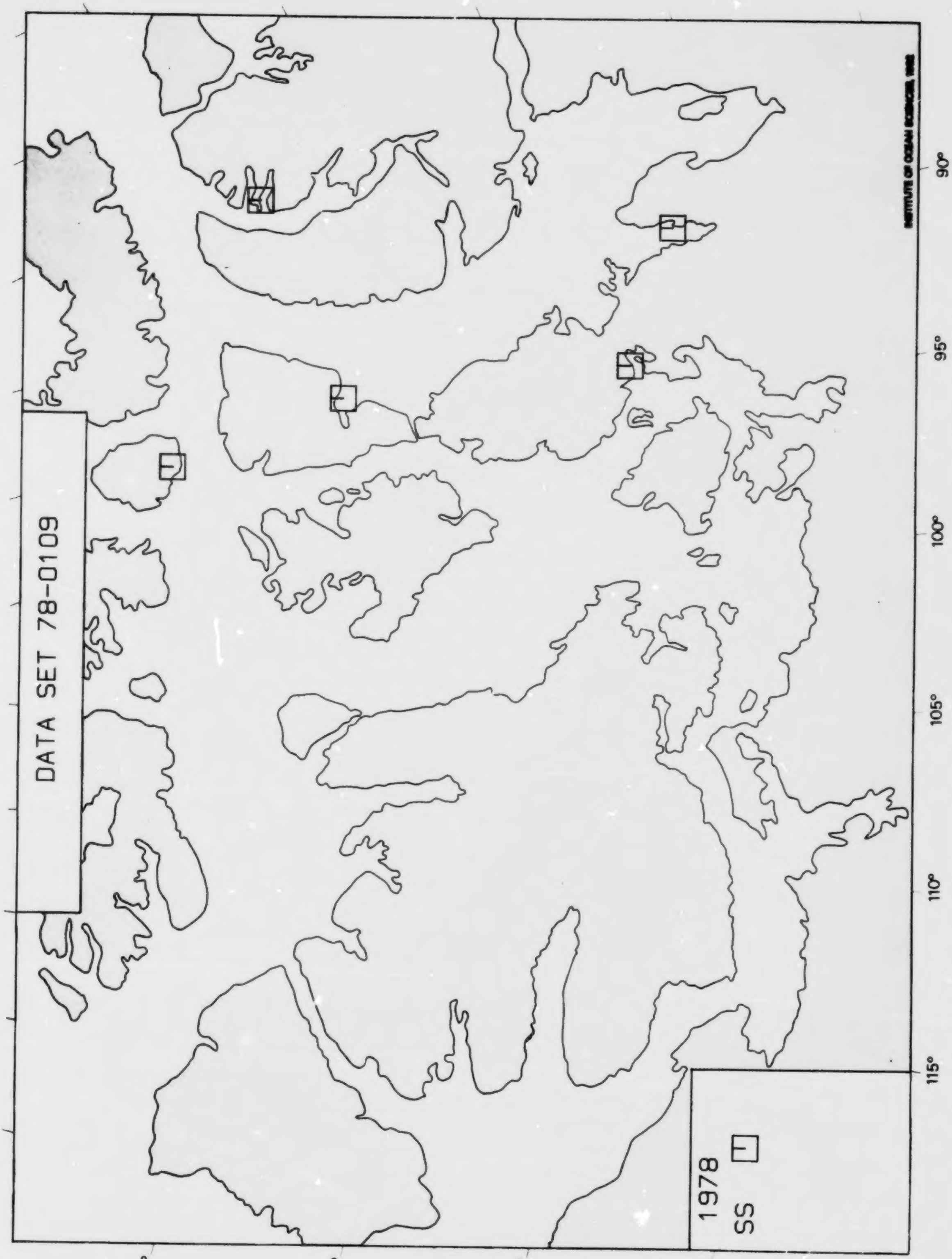
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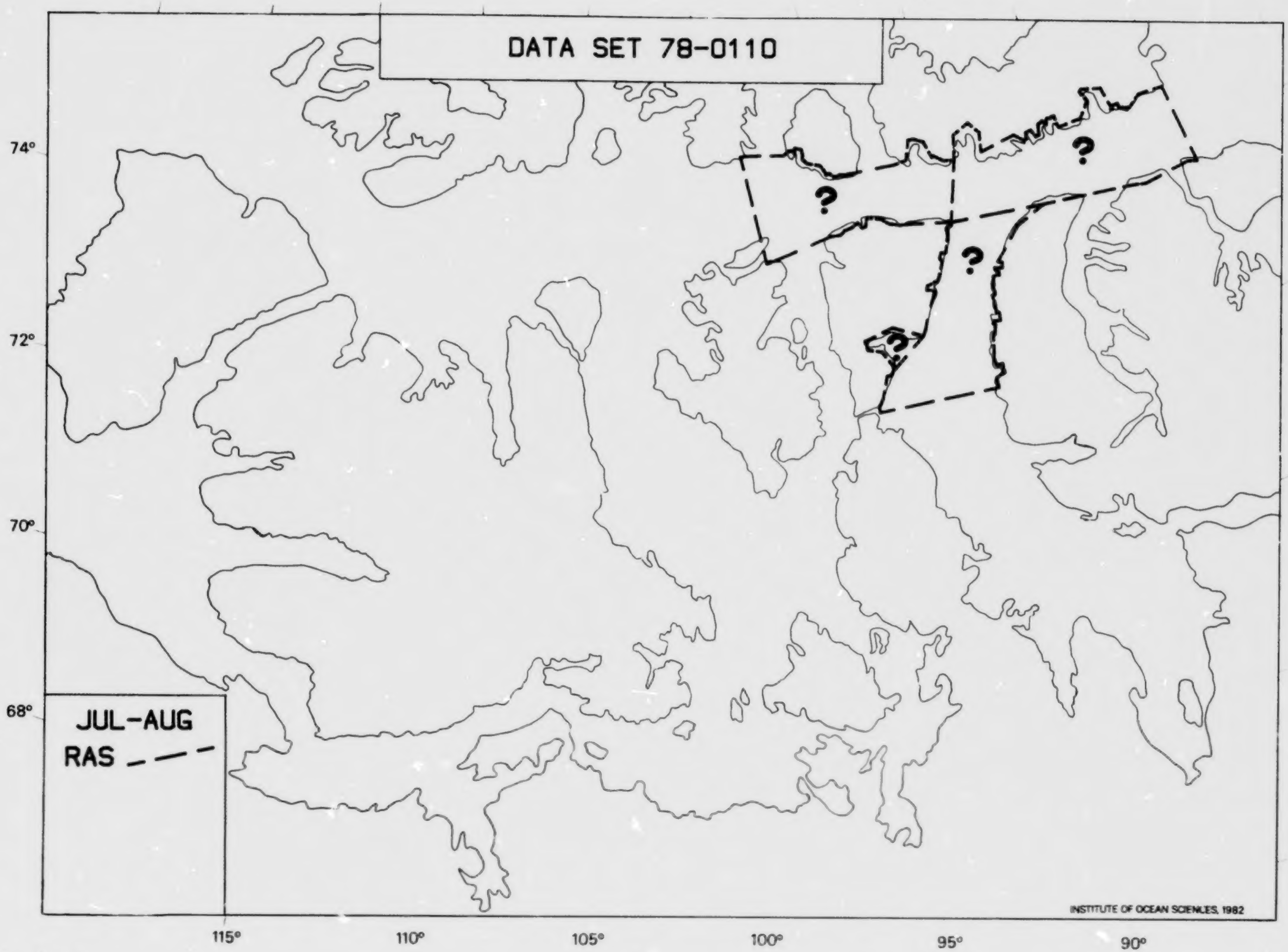
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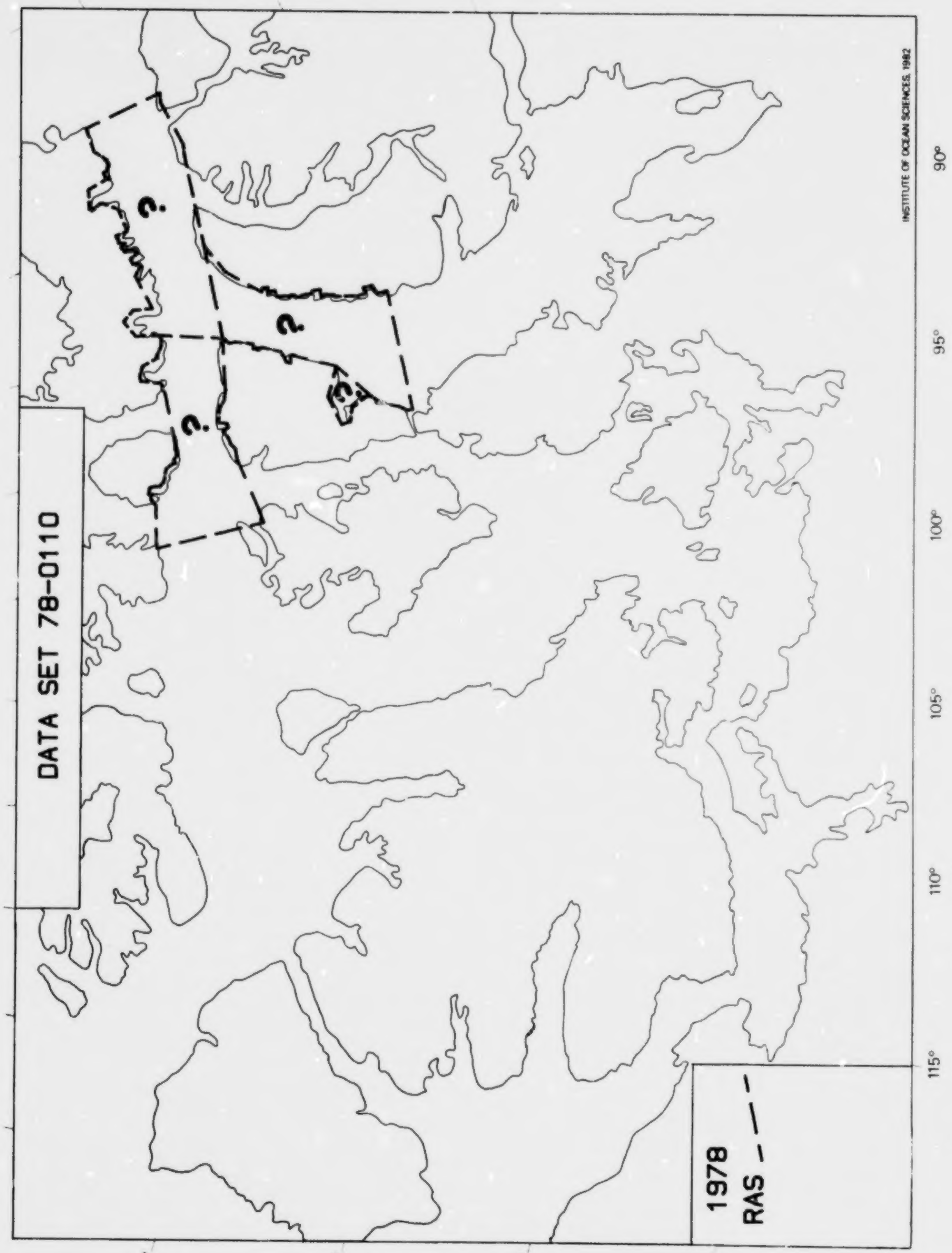
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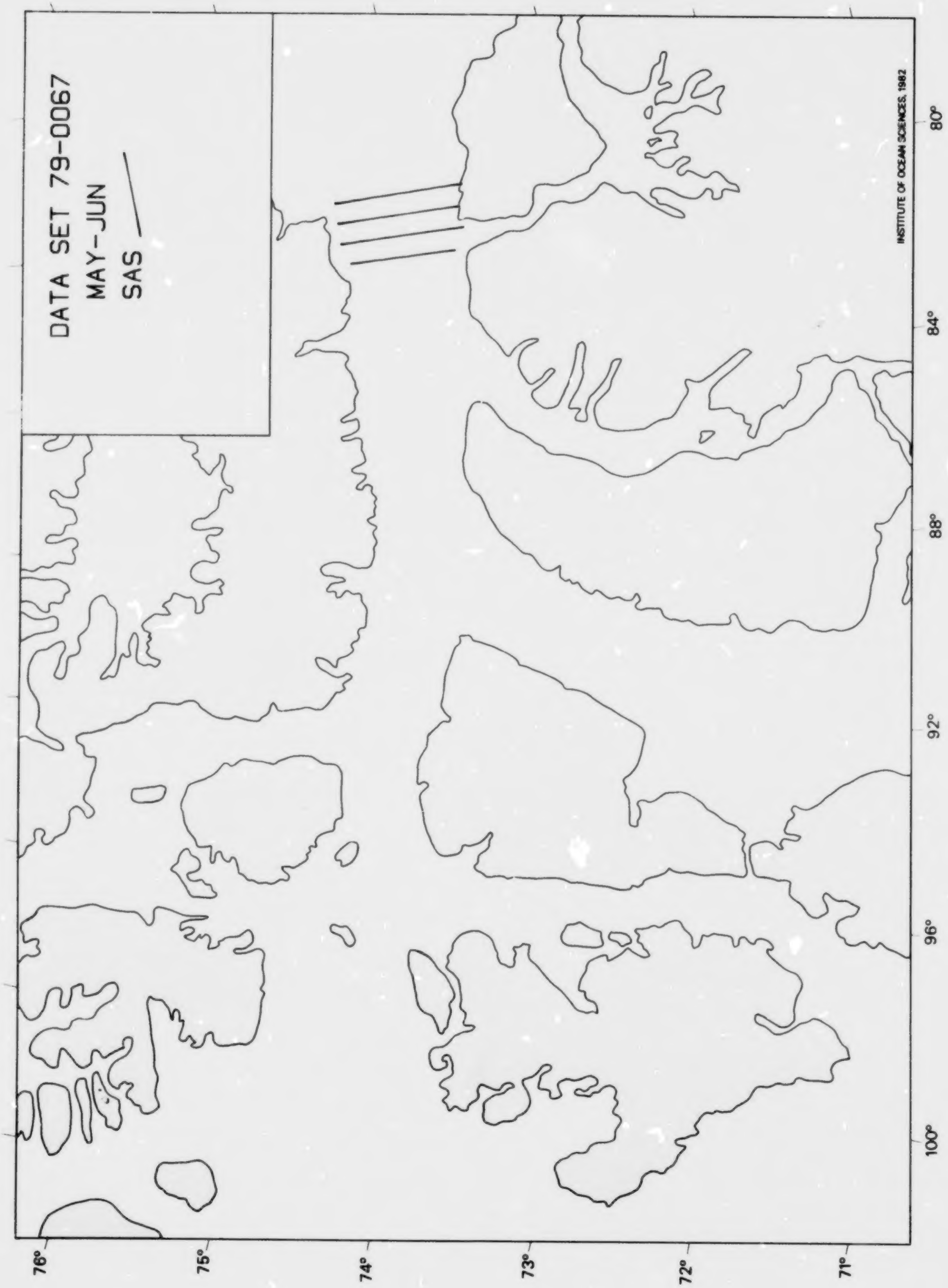
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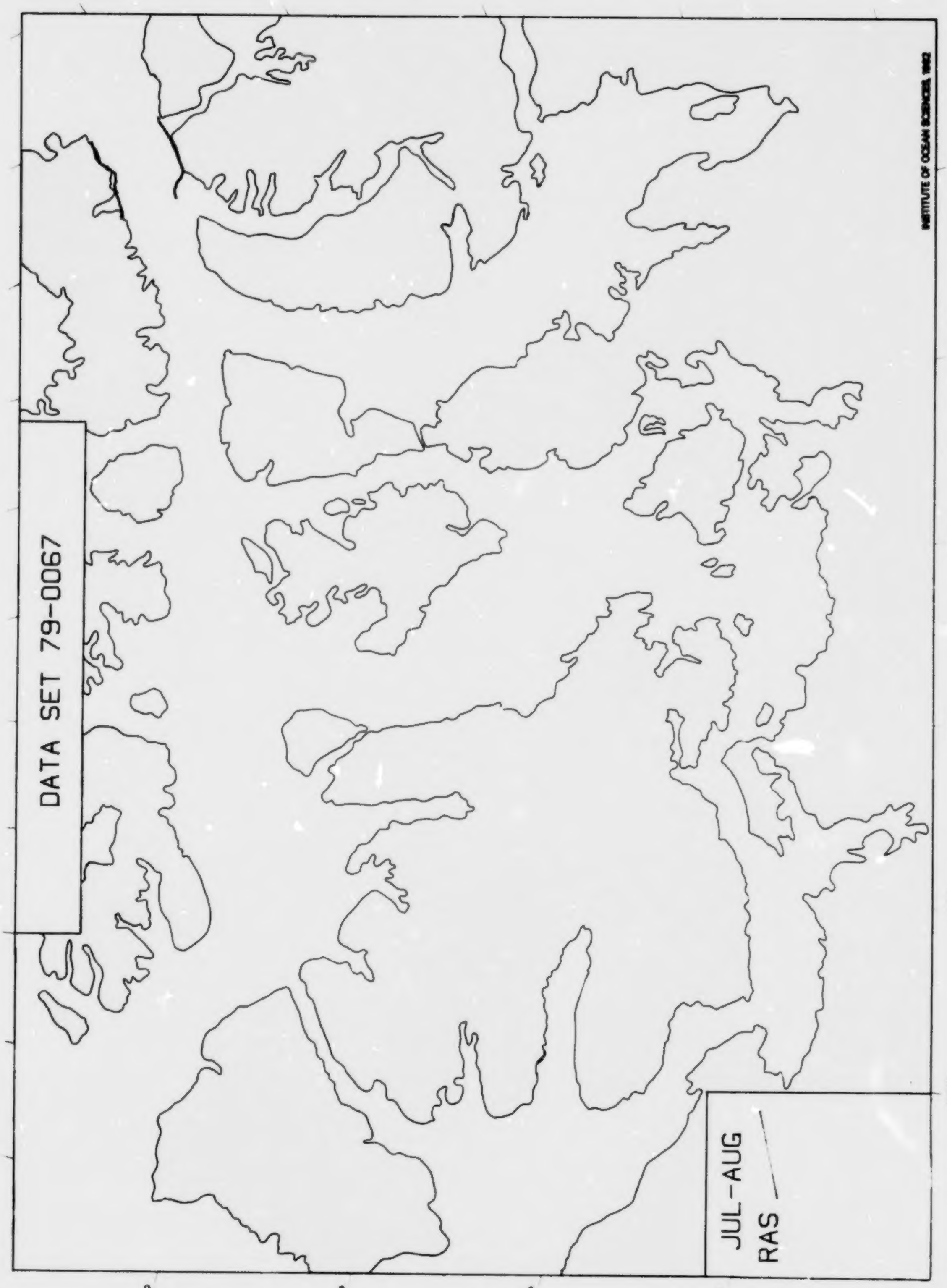
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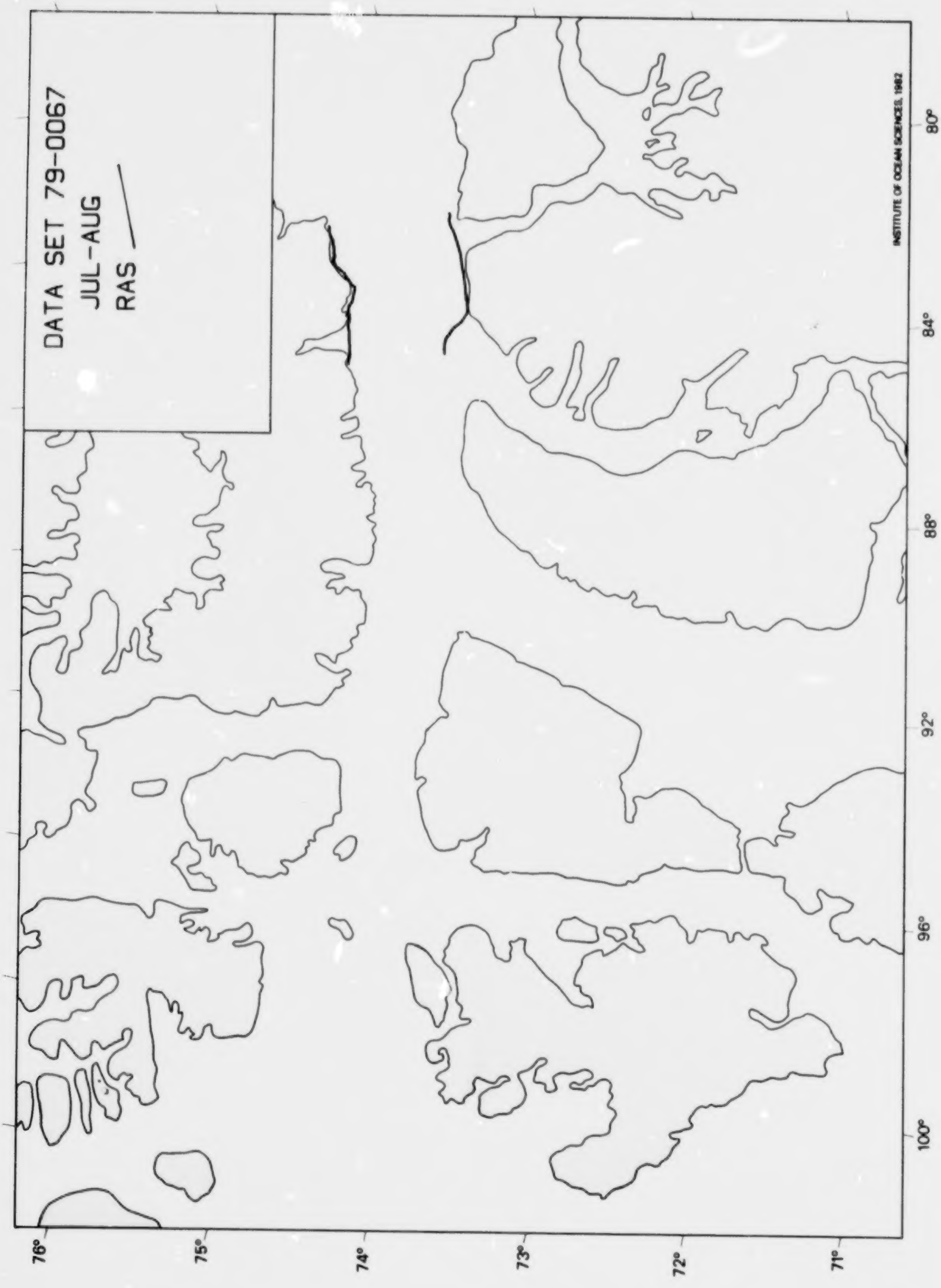
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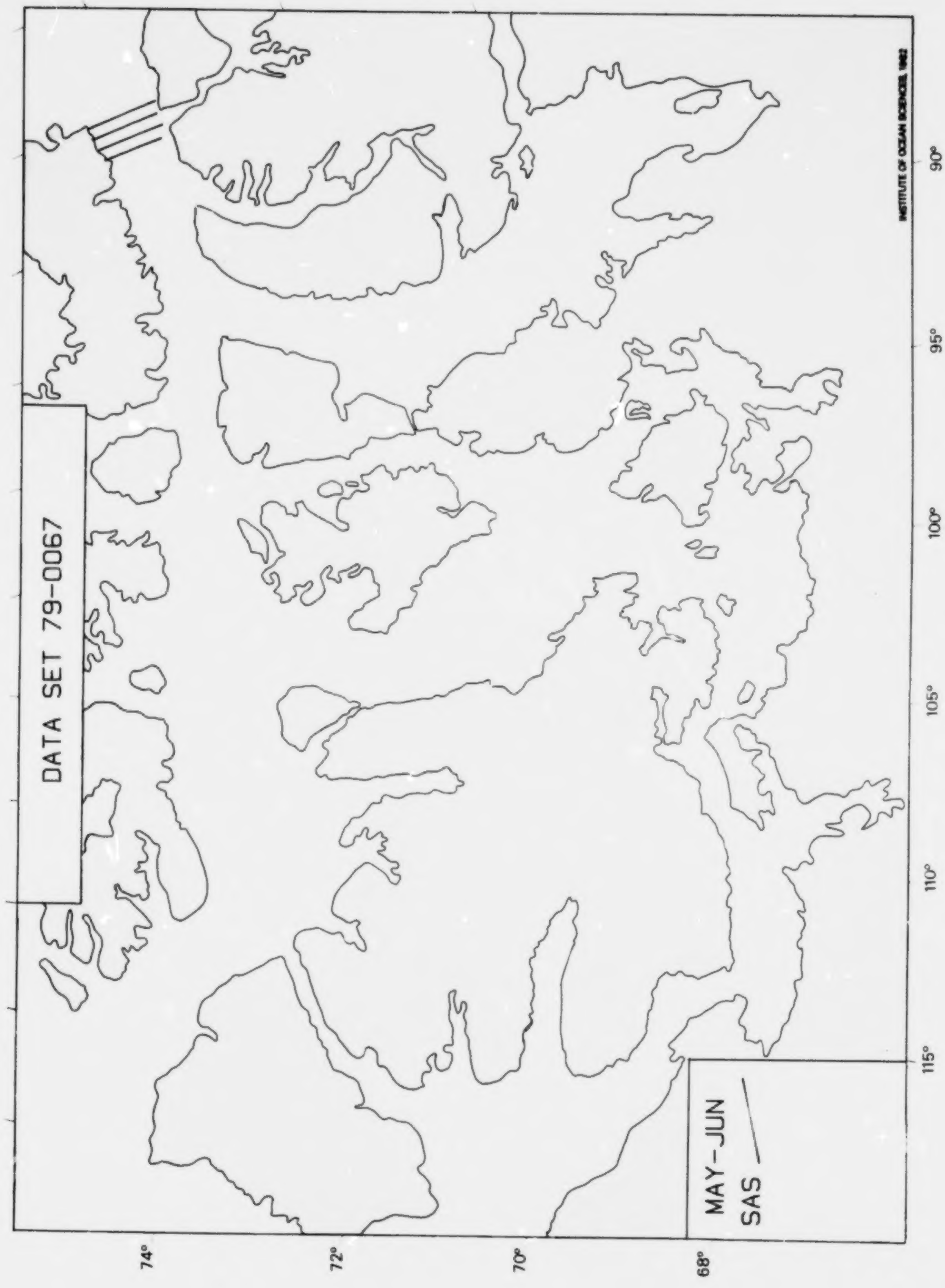
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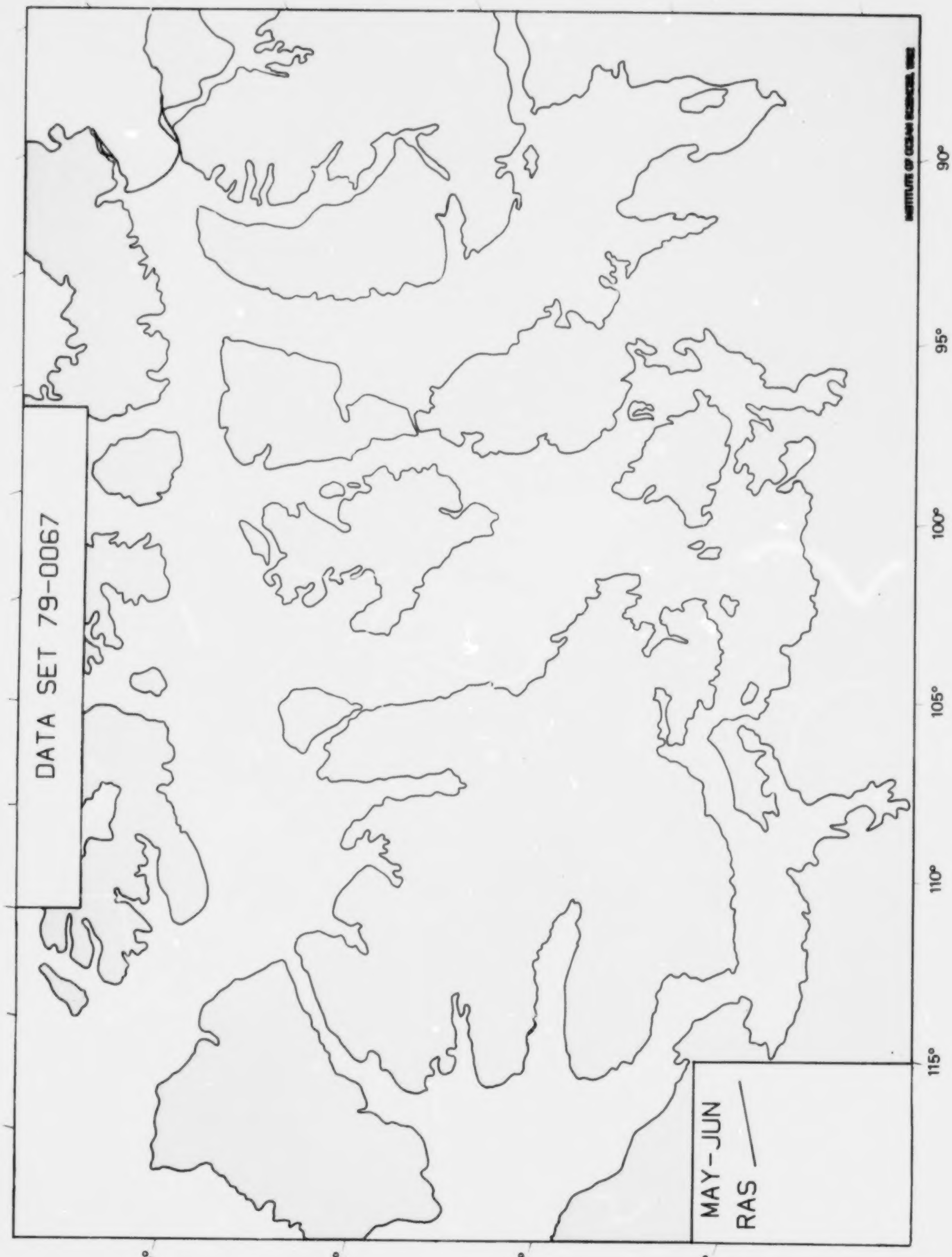
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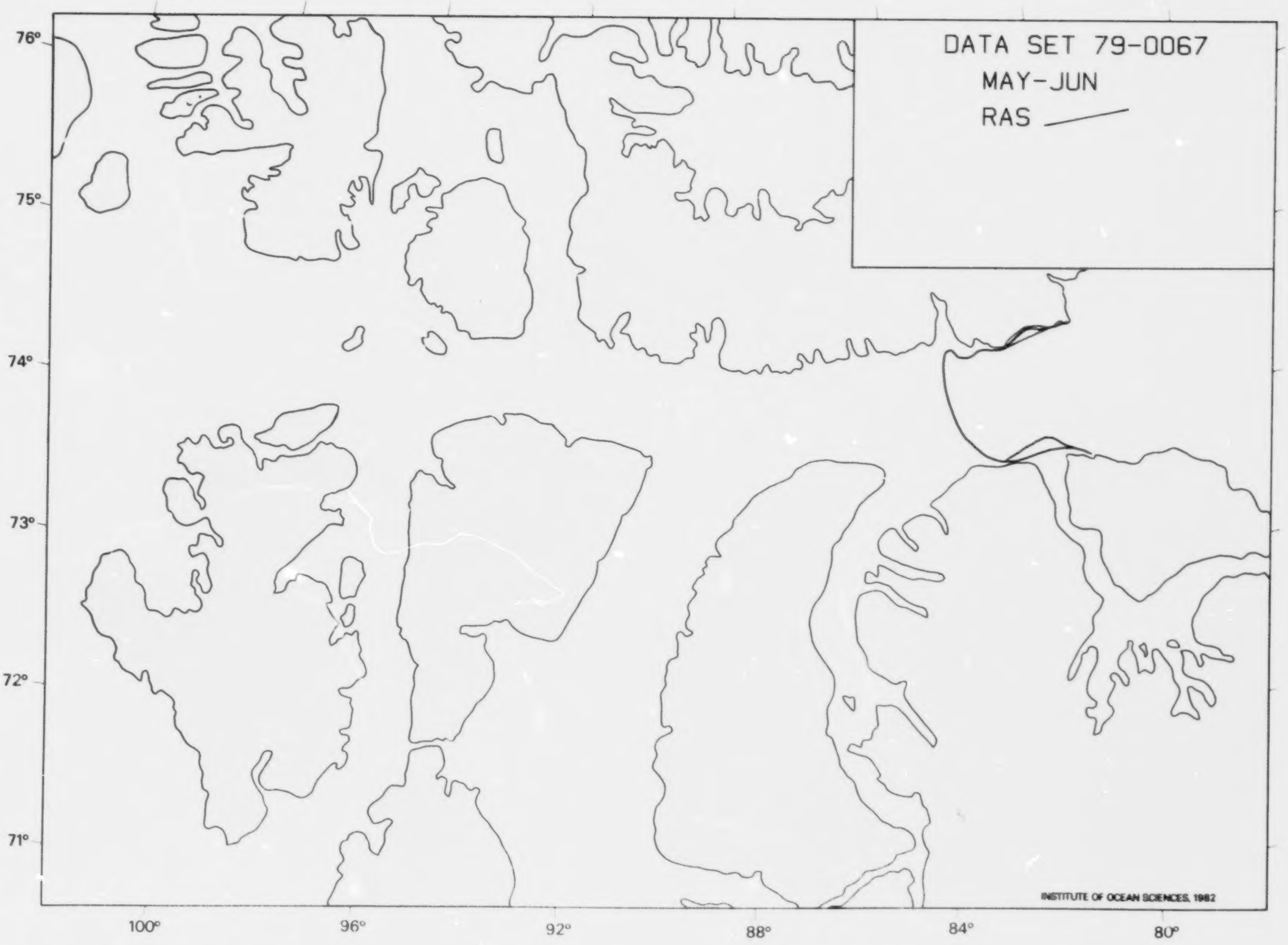
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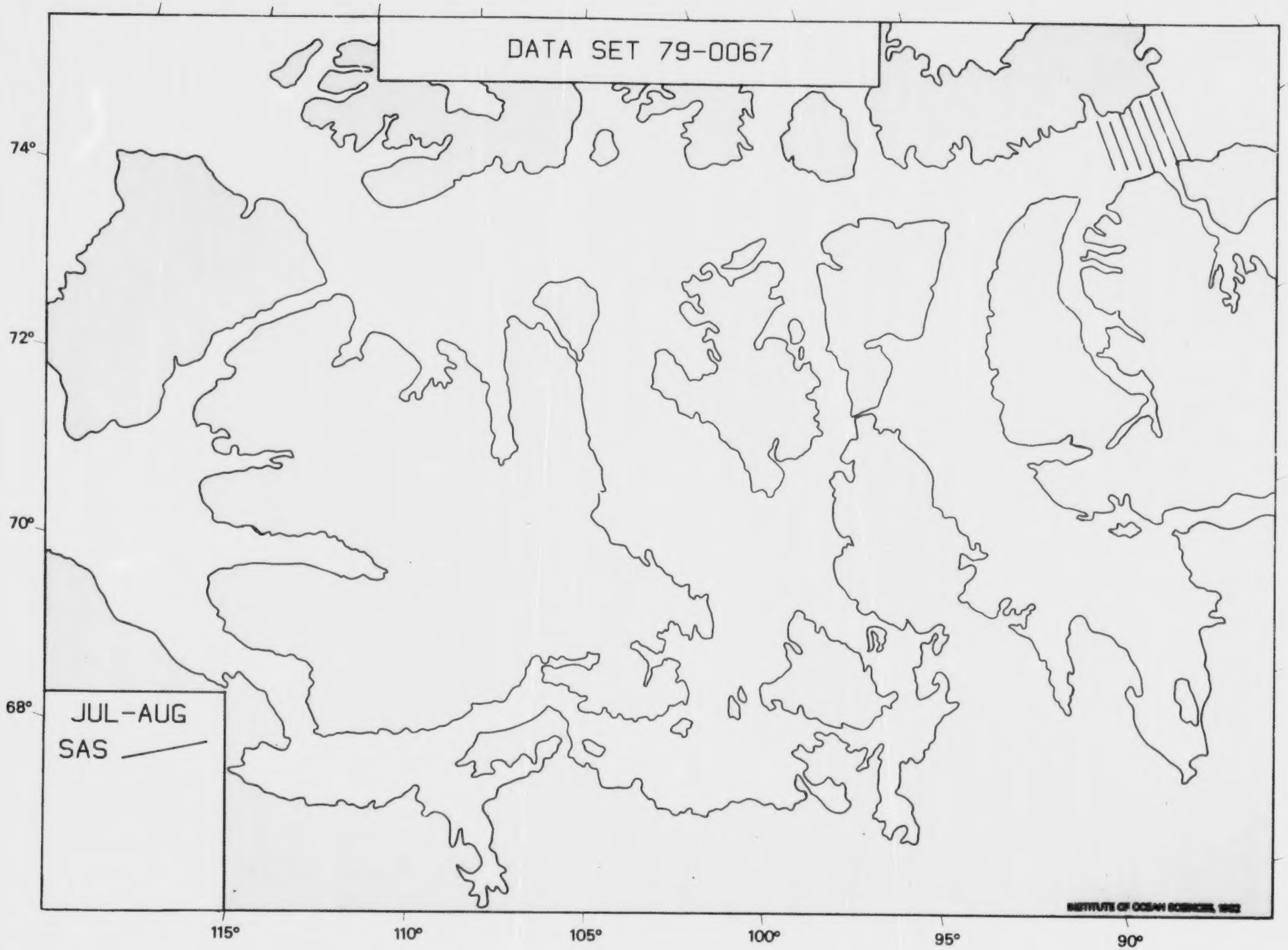
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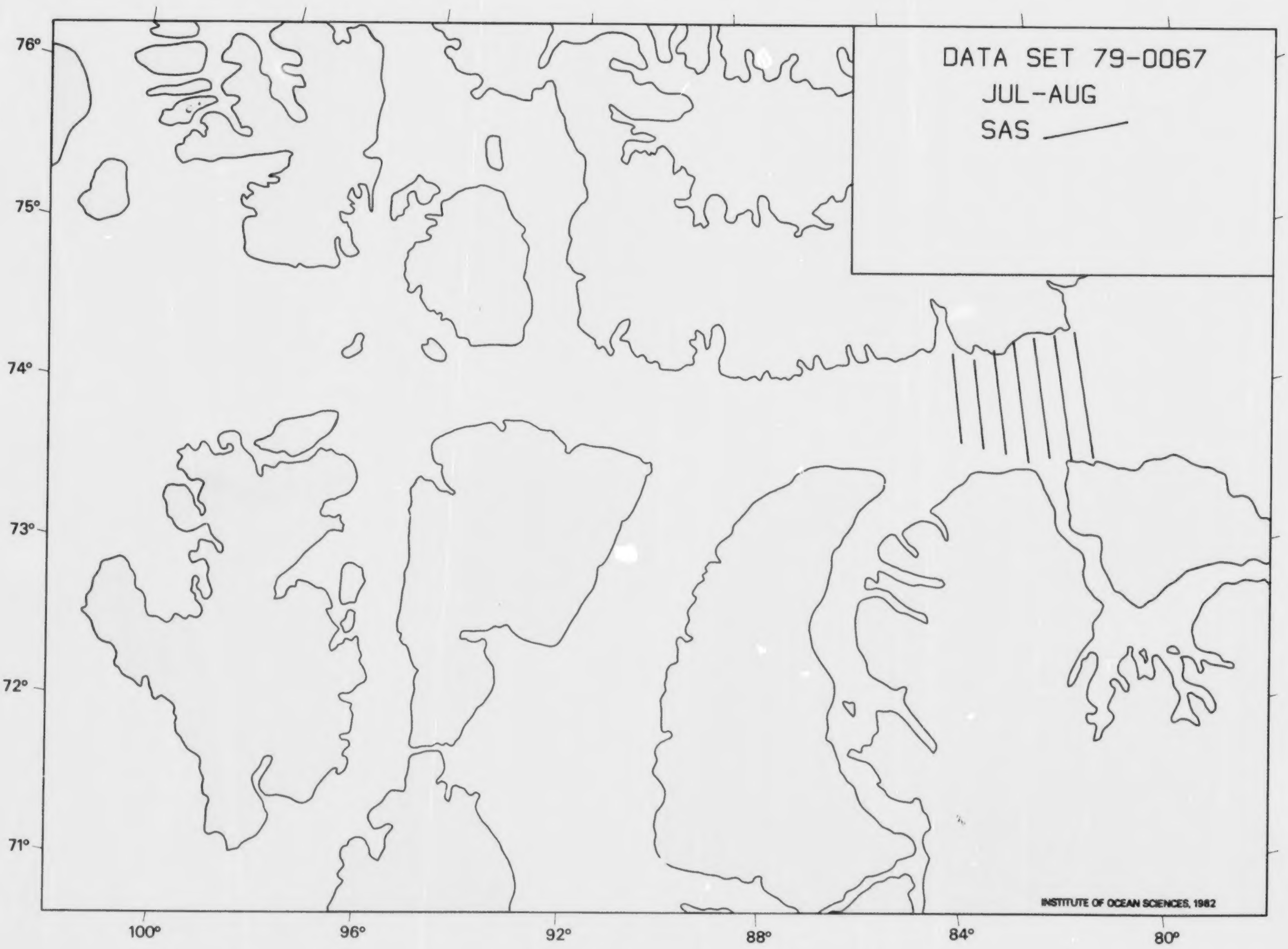

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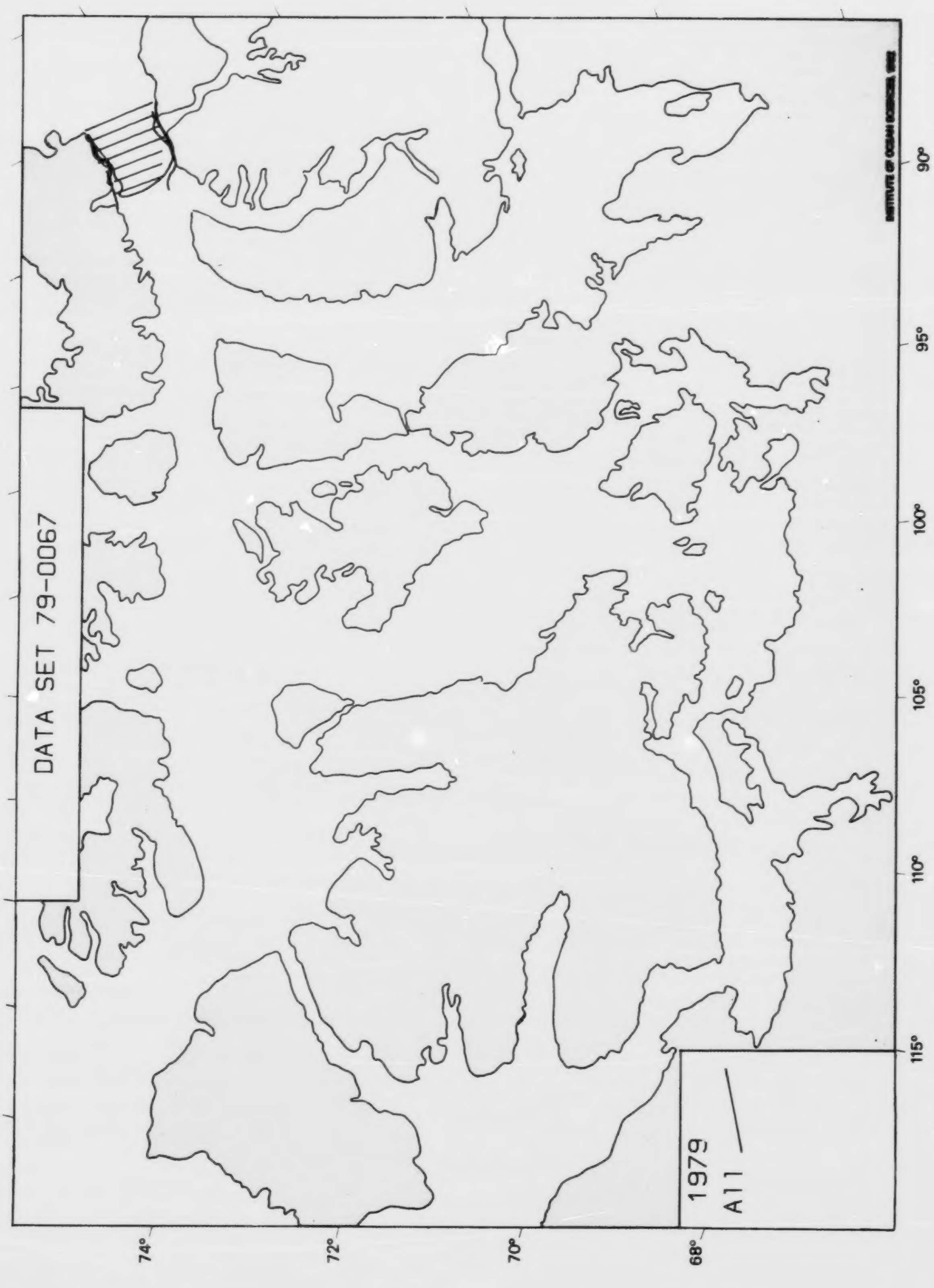
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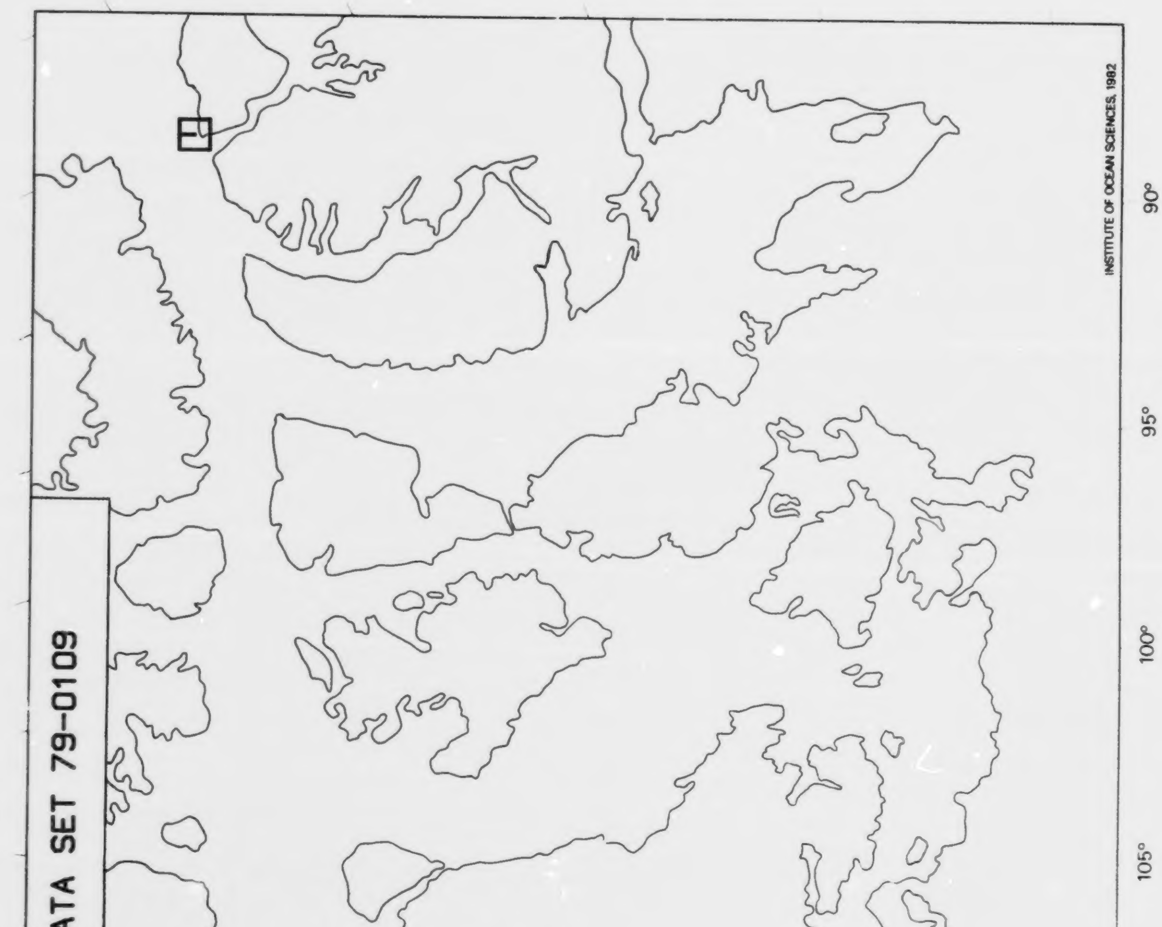
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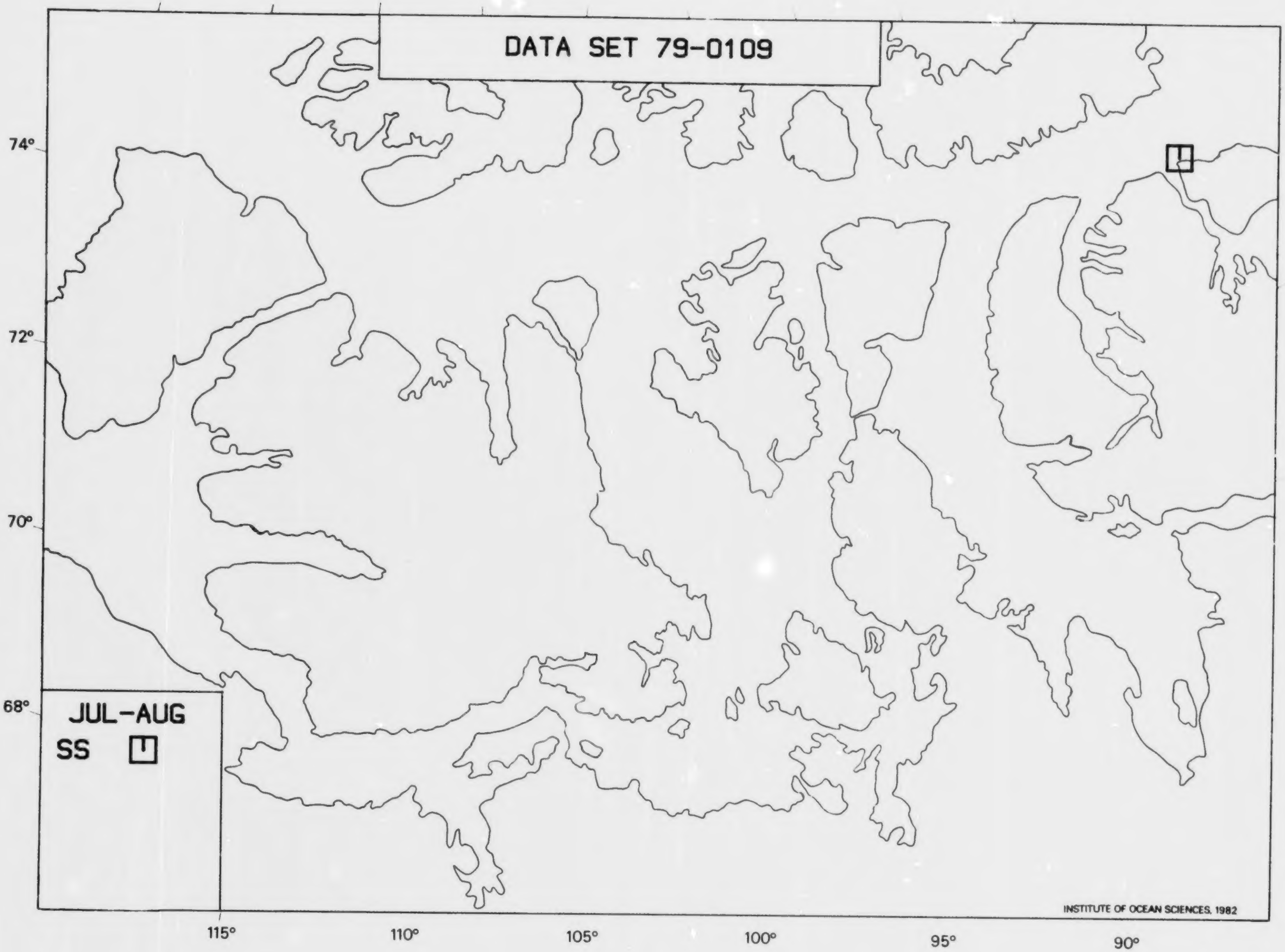
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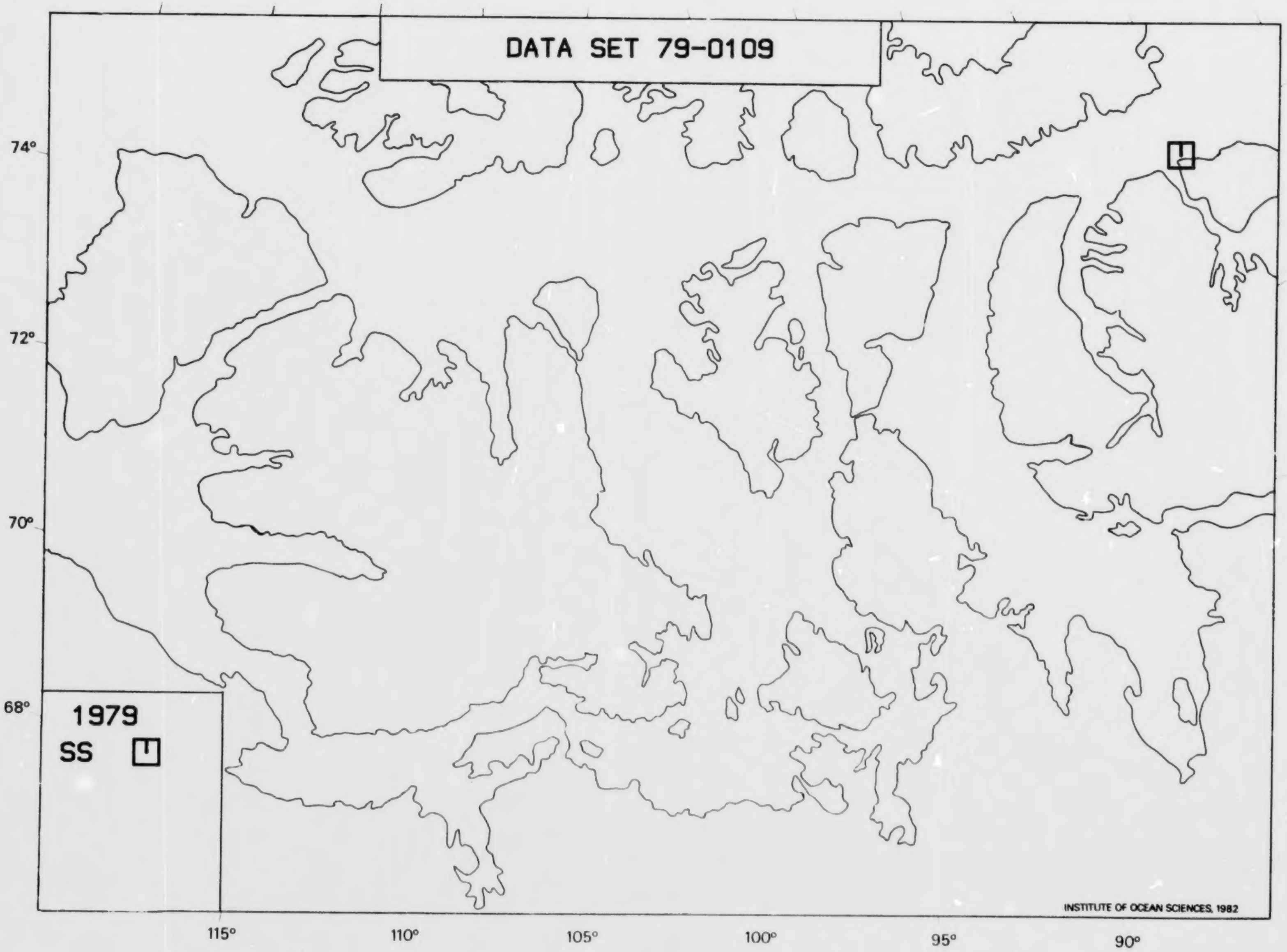
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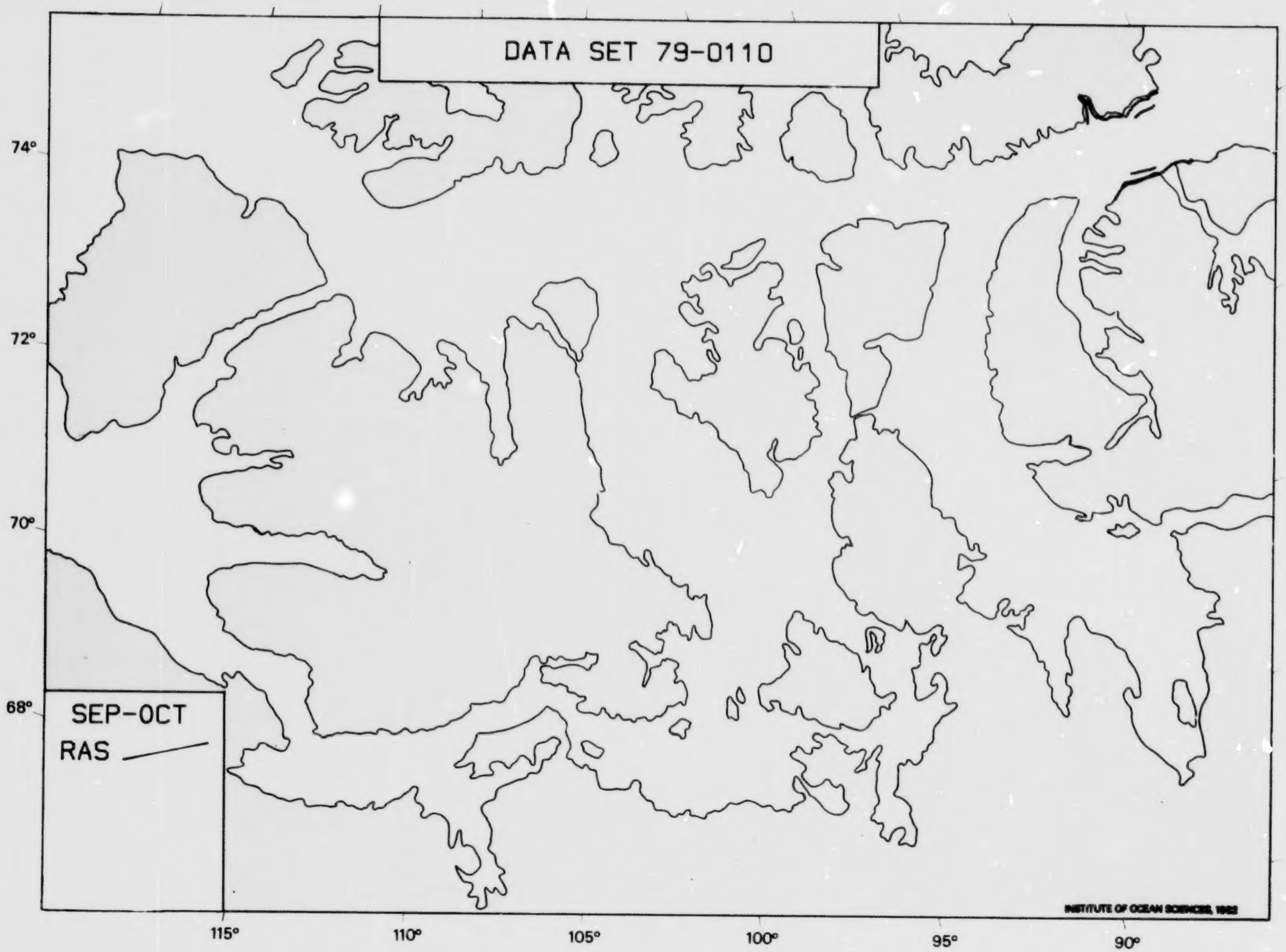
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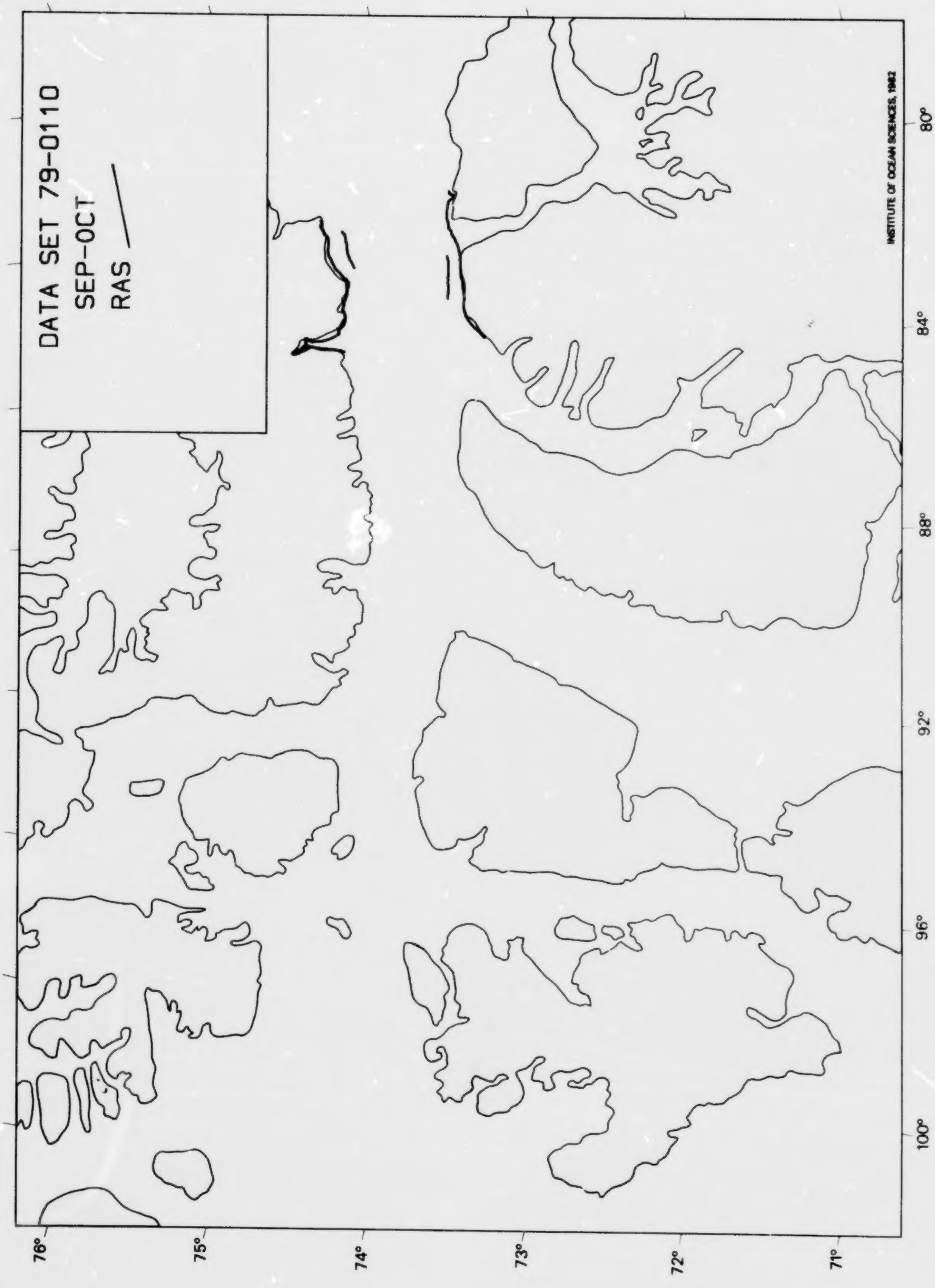
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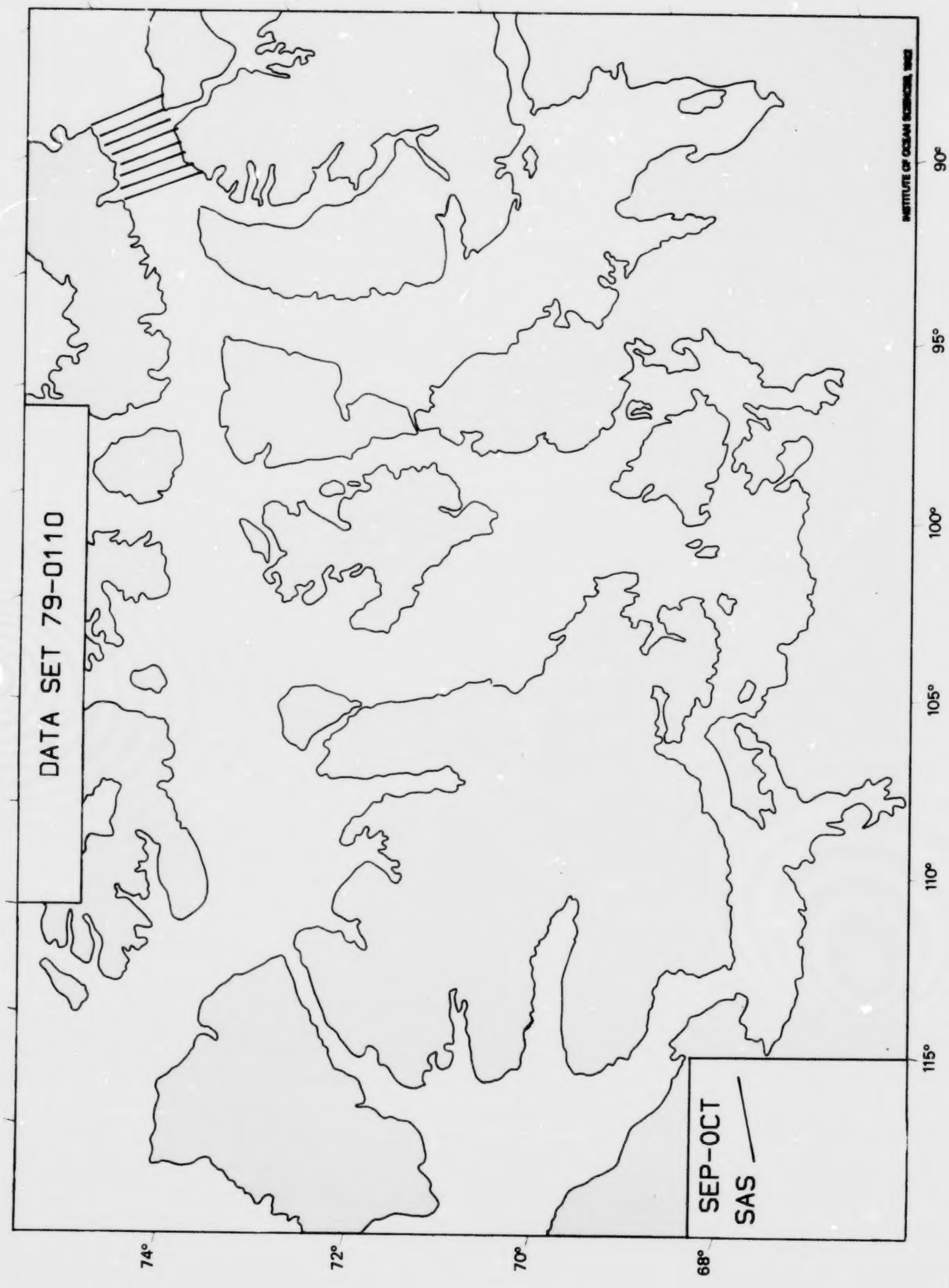
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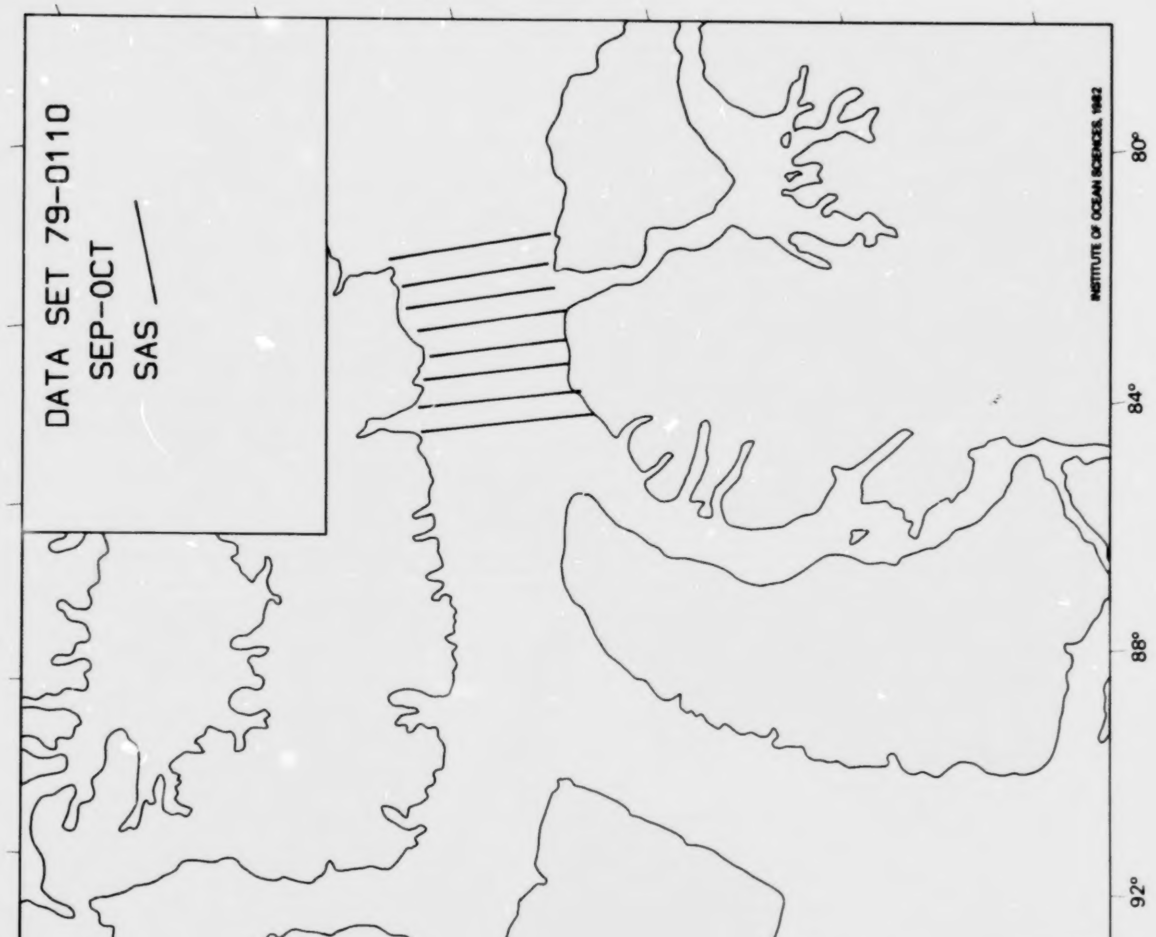
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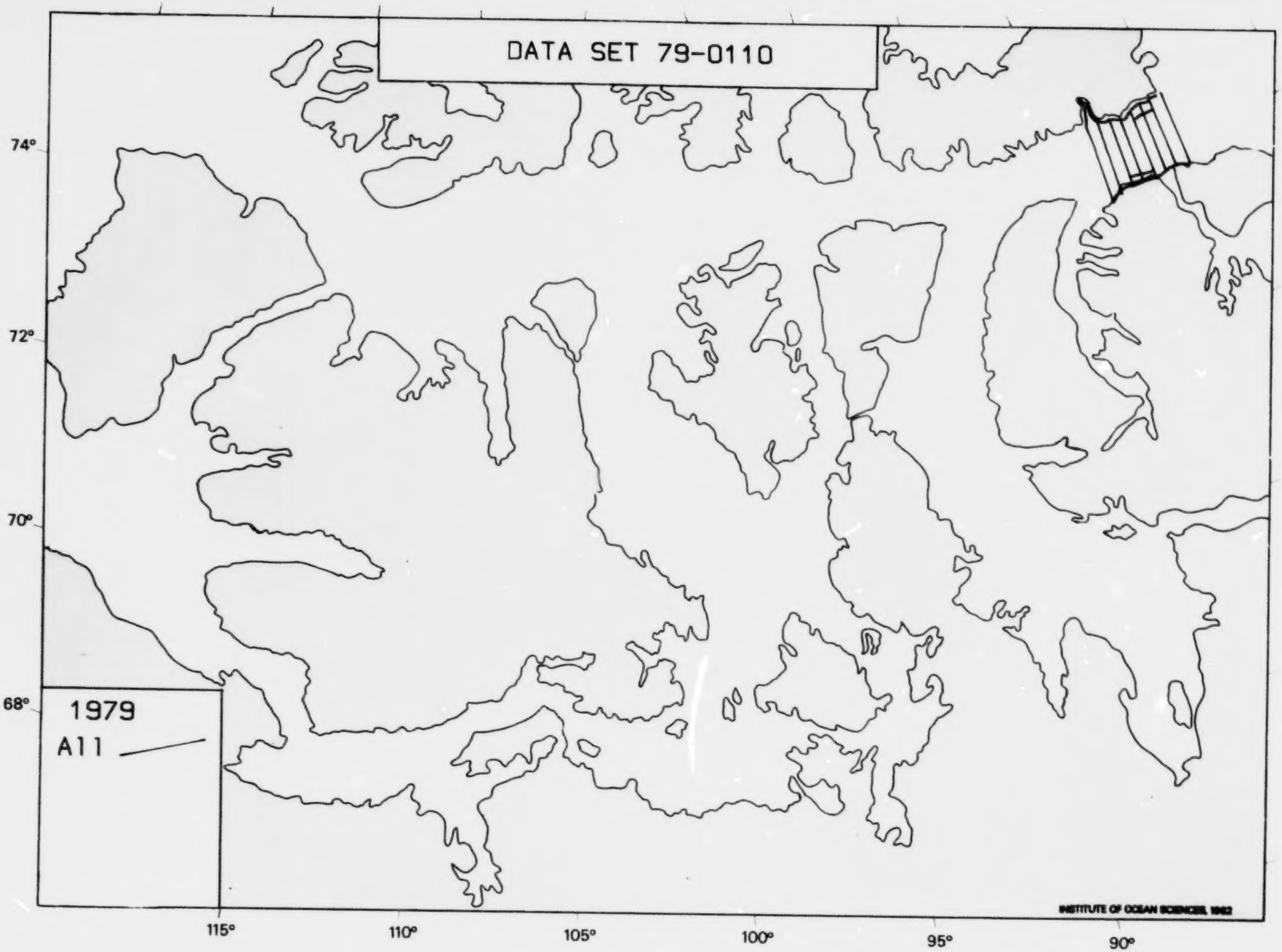
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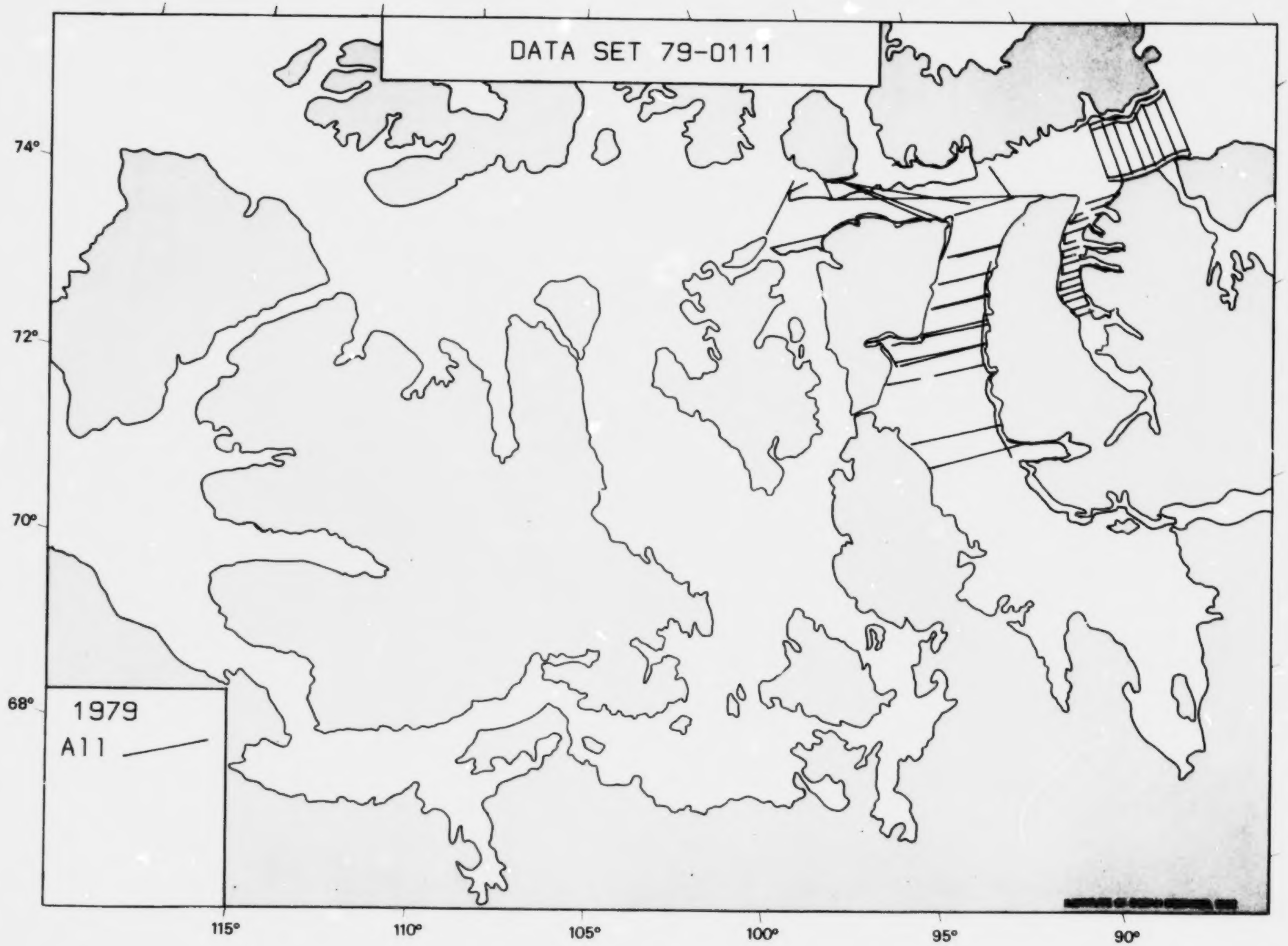
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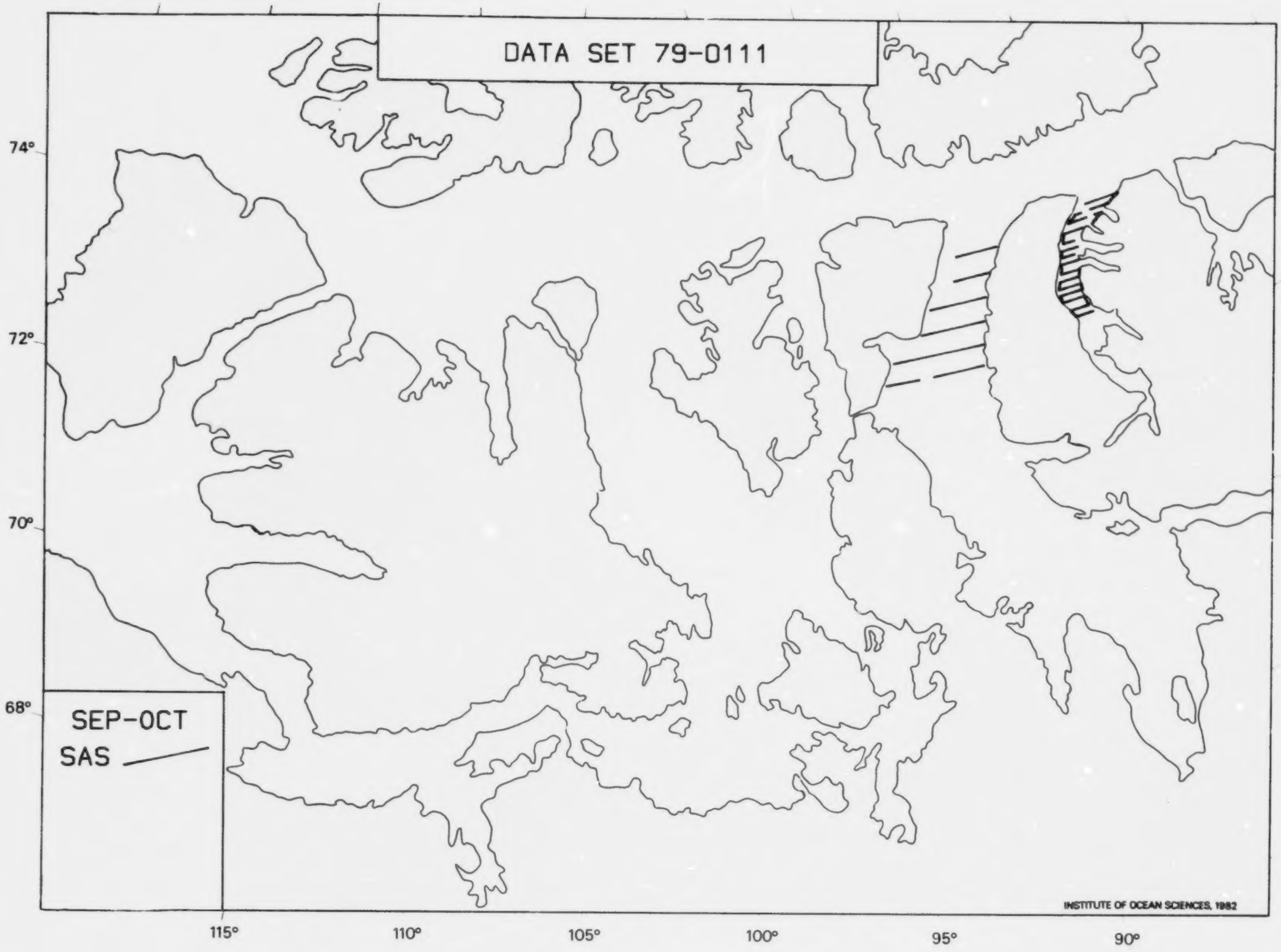
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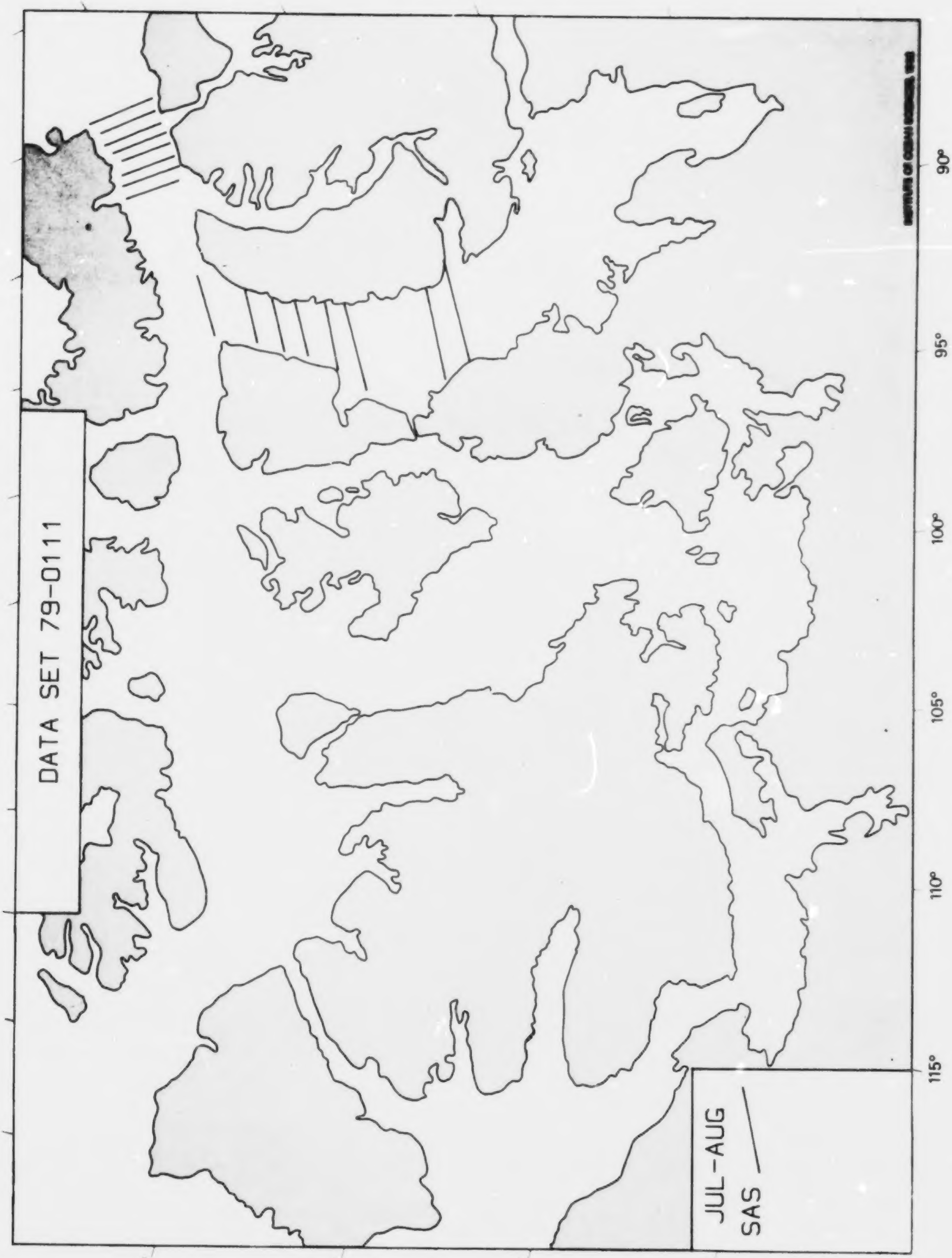
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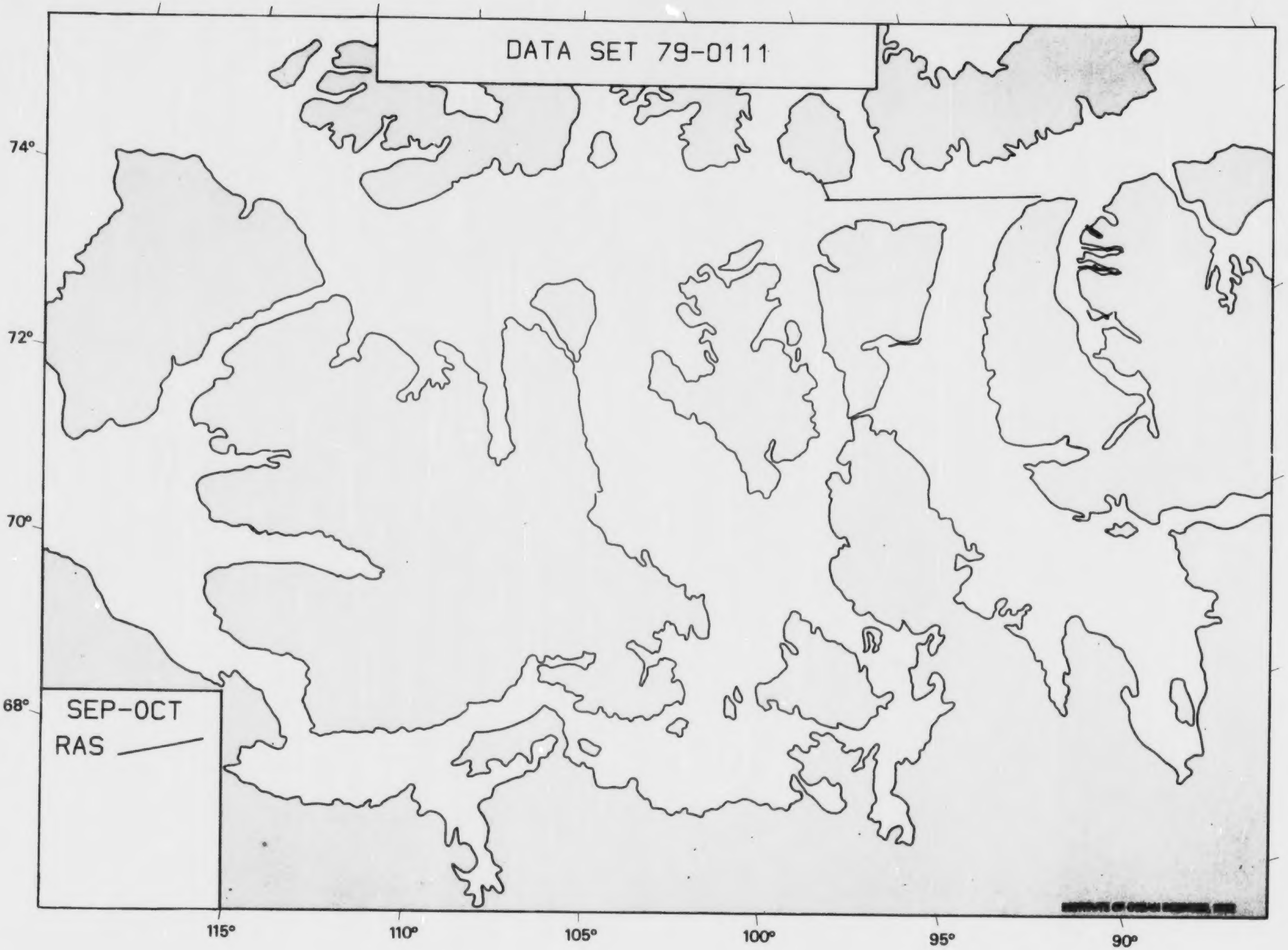
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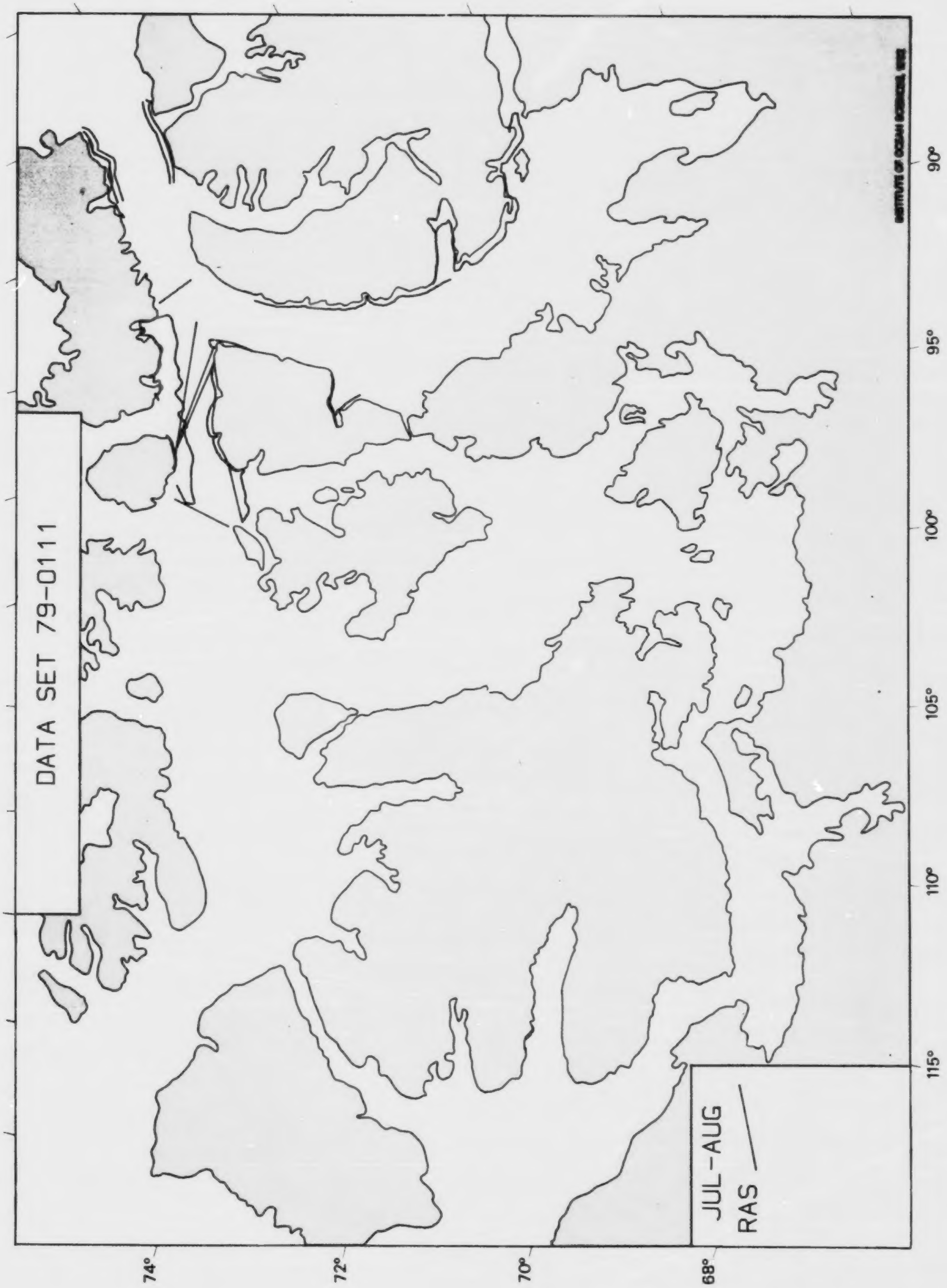
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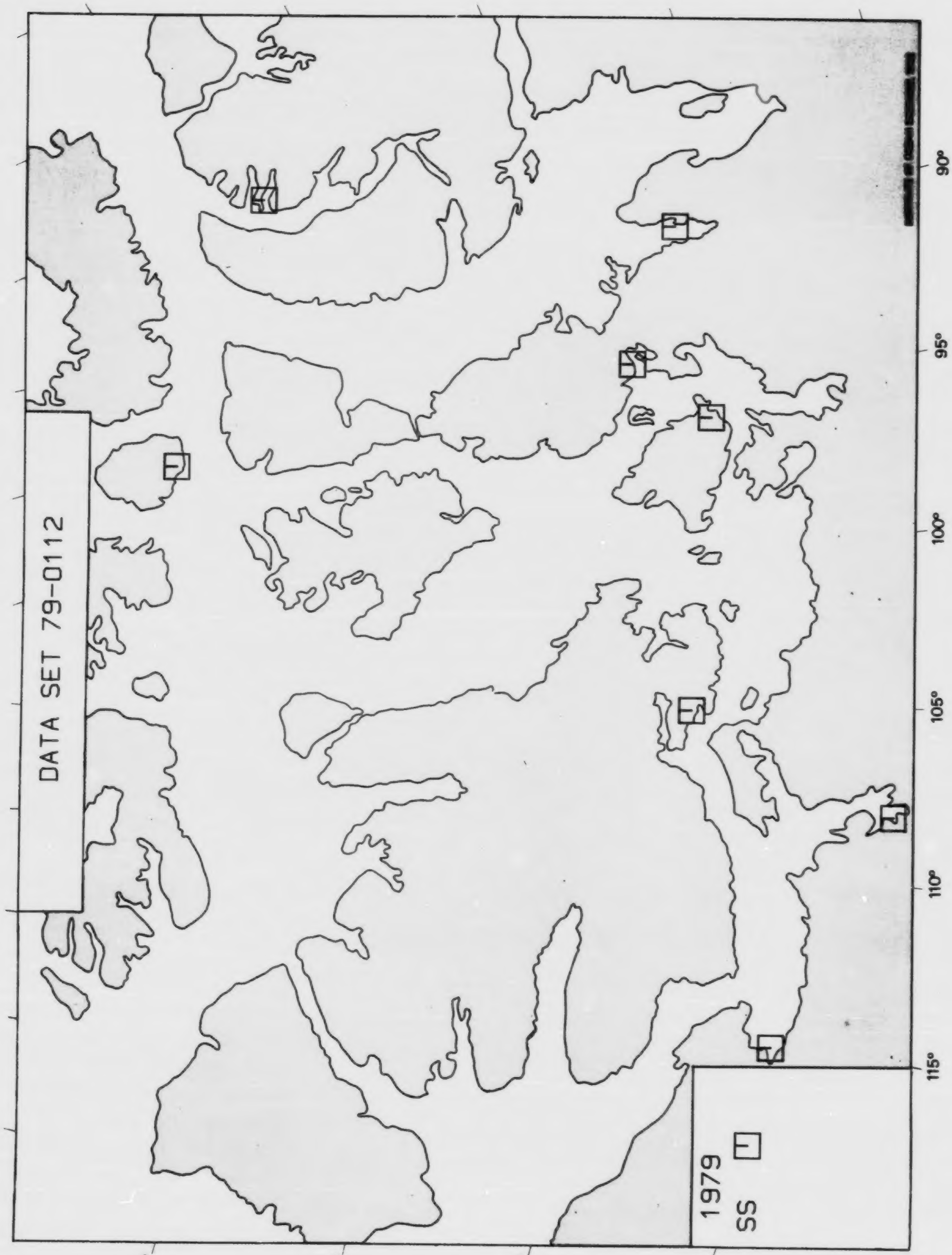
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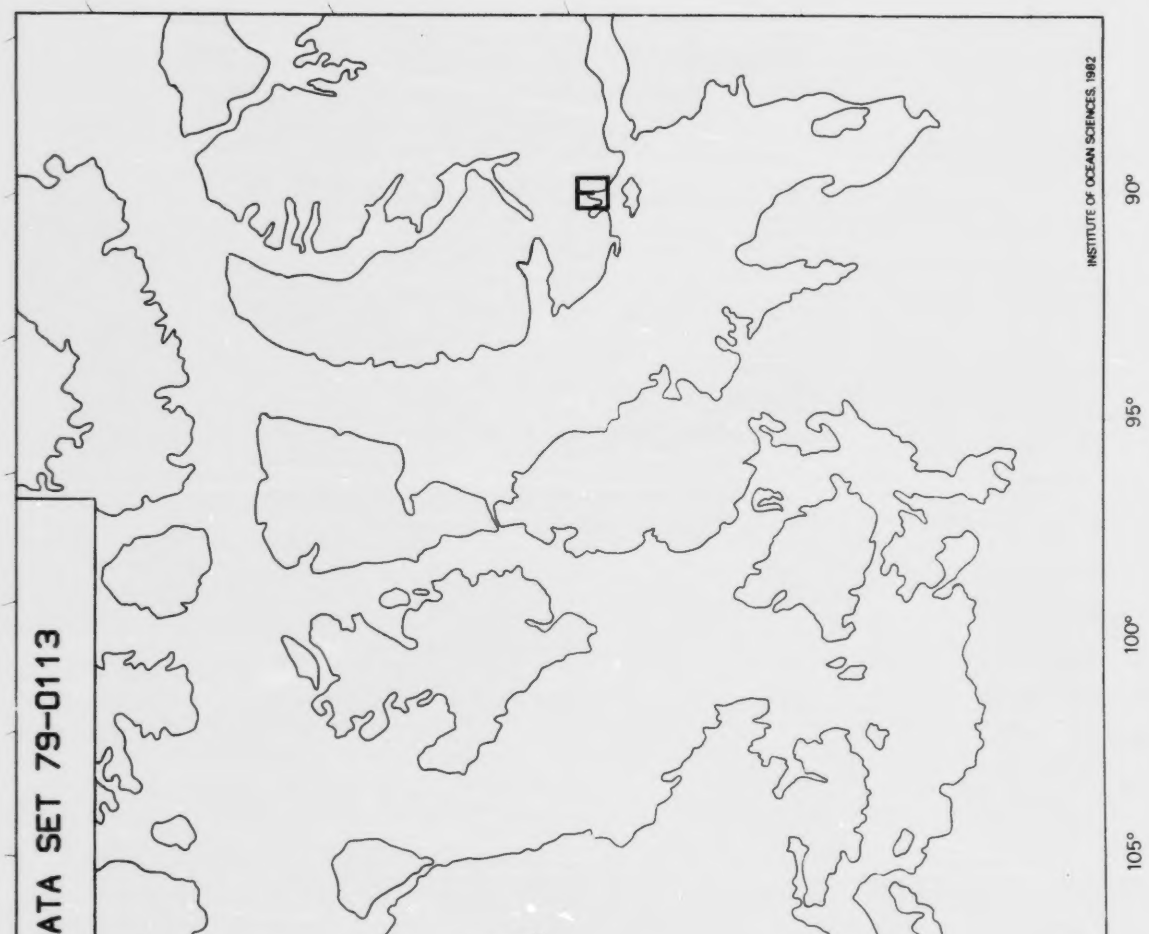
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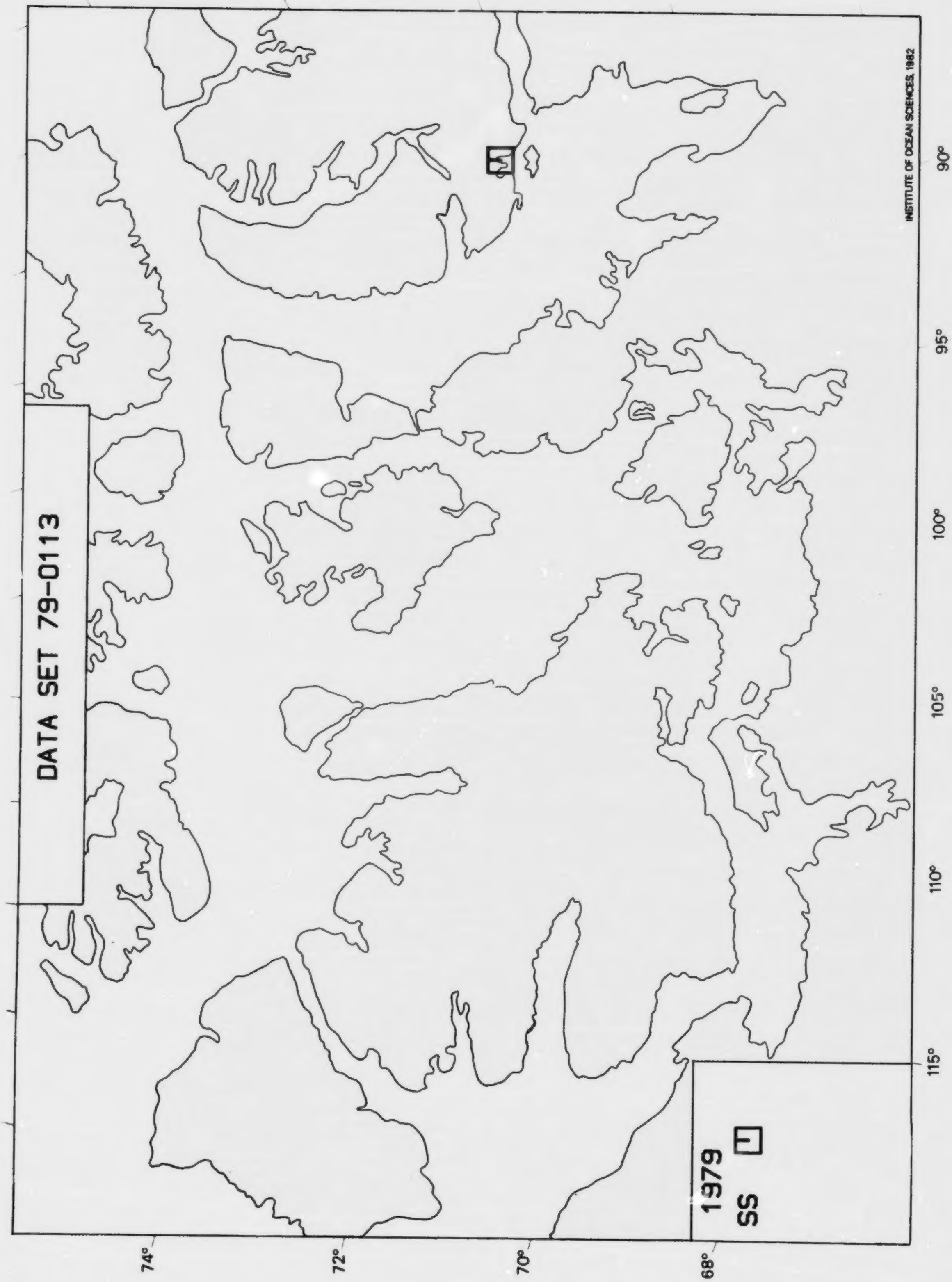
INSTITUTE OF OCEAN SCIENCES, 1982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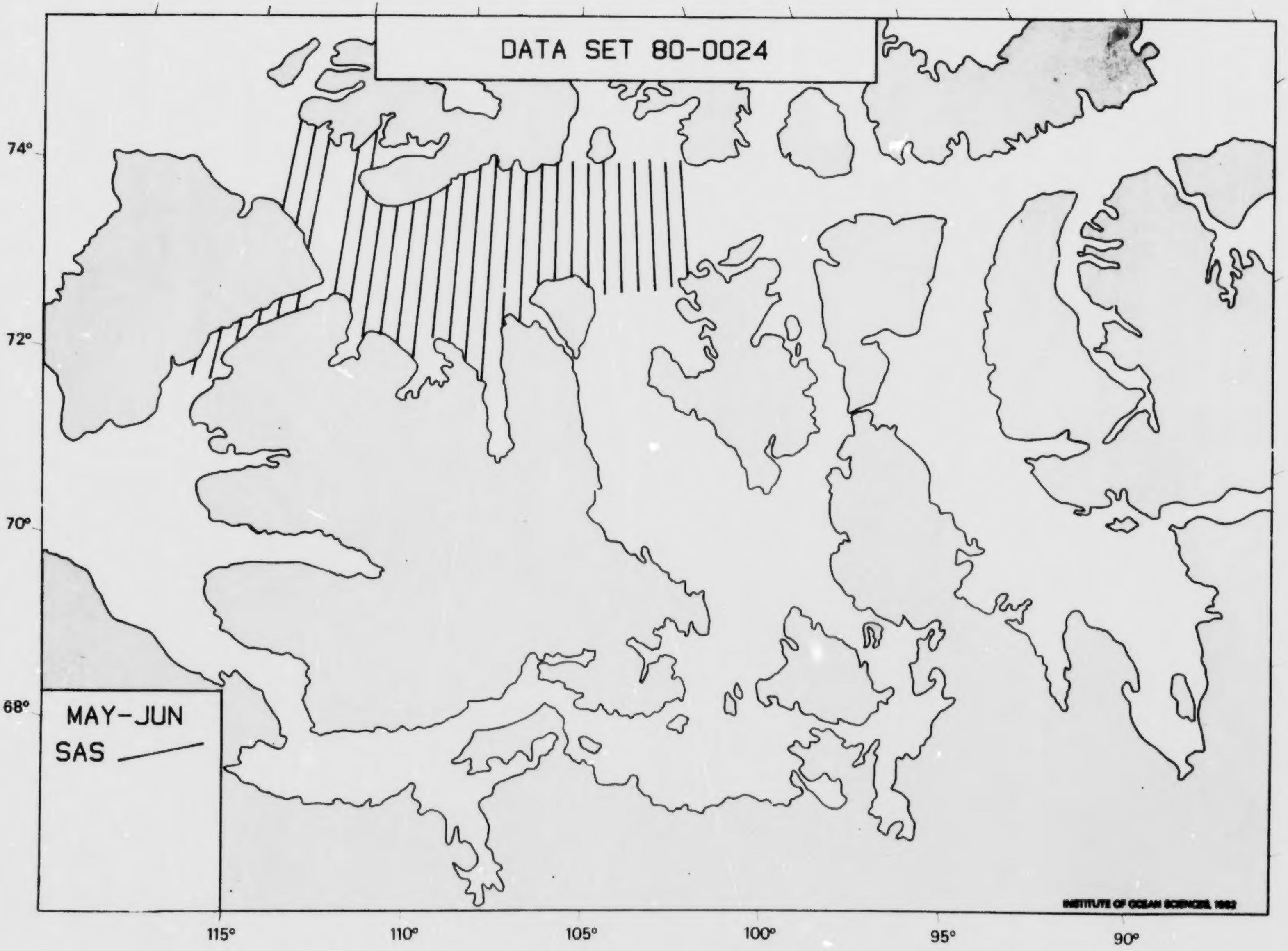
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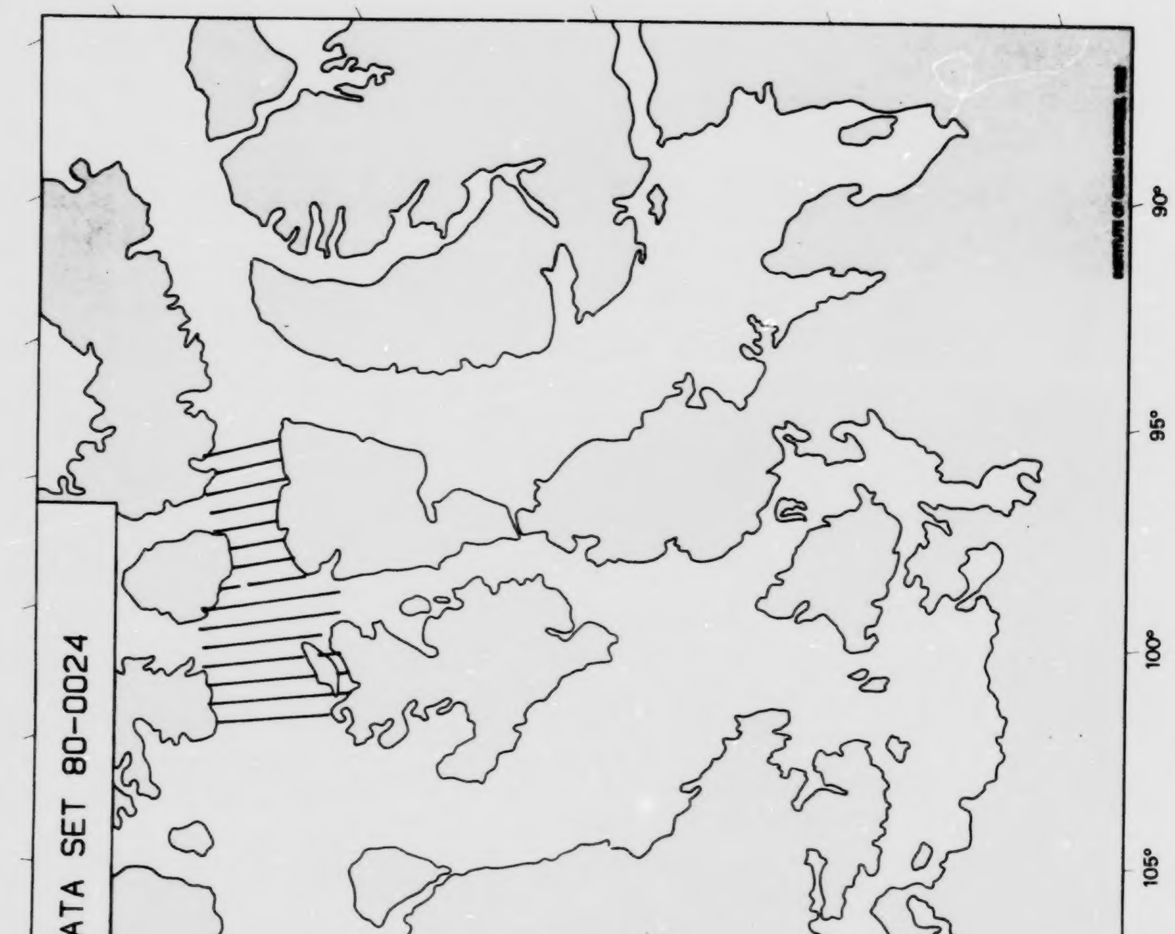
INSTITUTE OF OCEAN SCIENCES, 1982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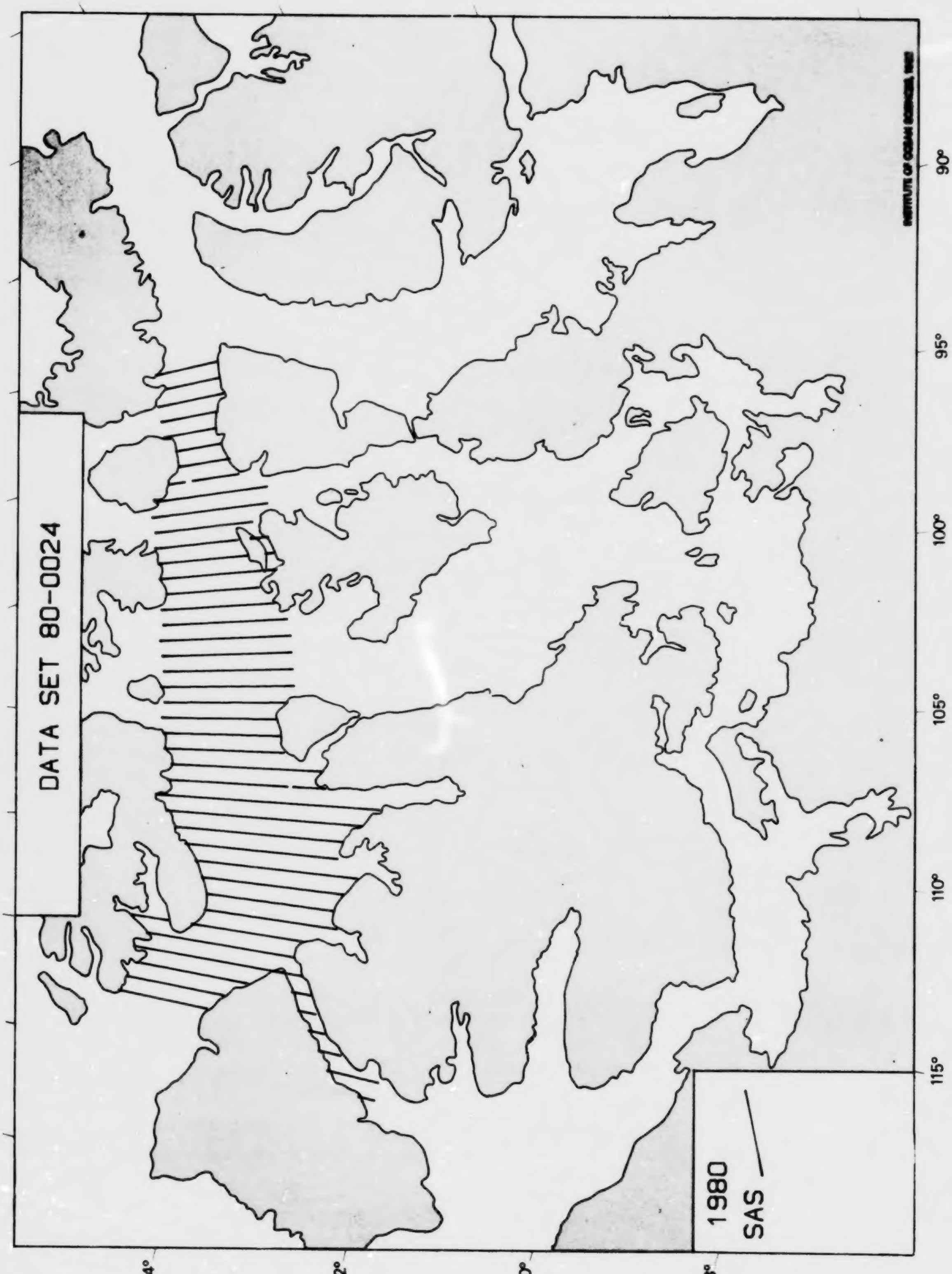
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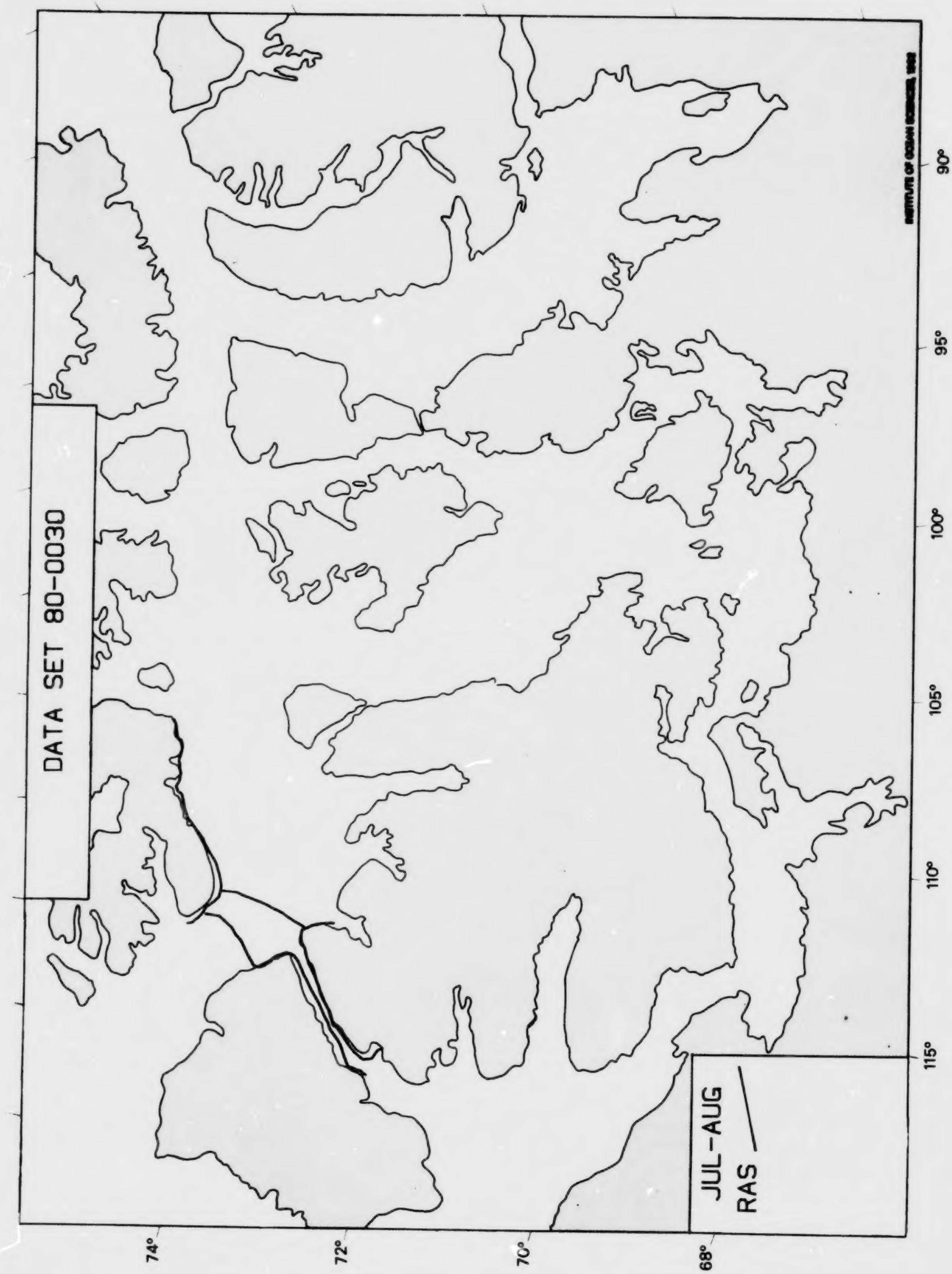
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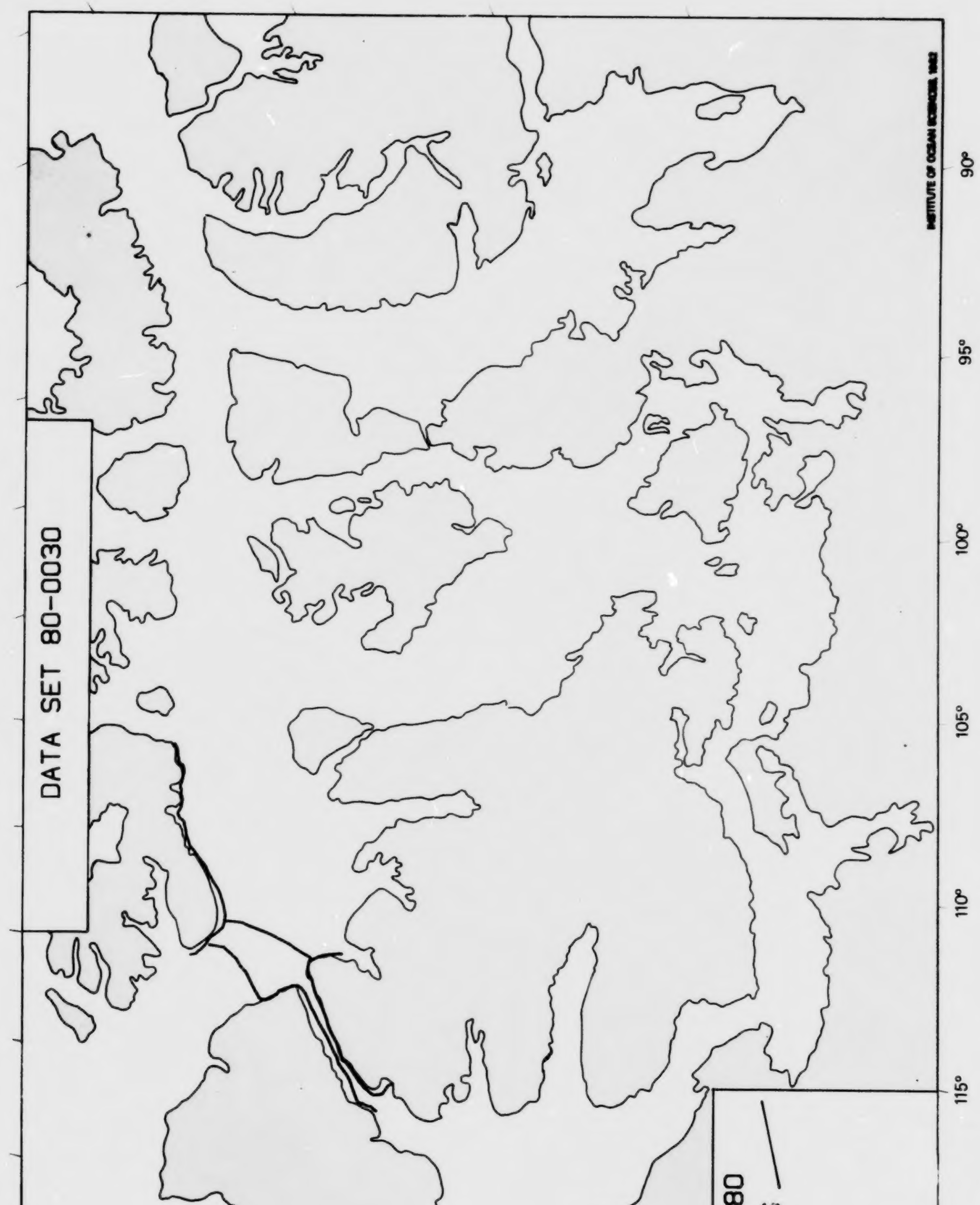
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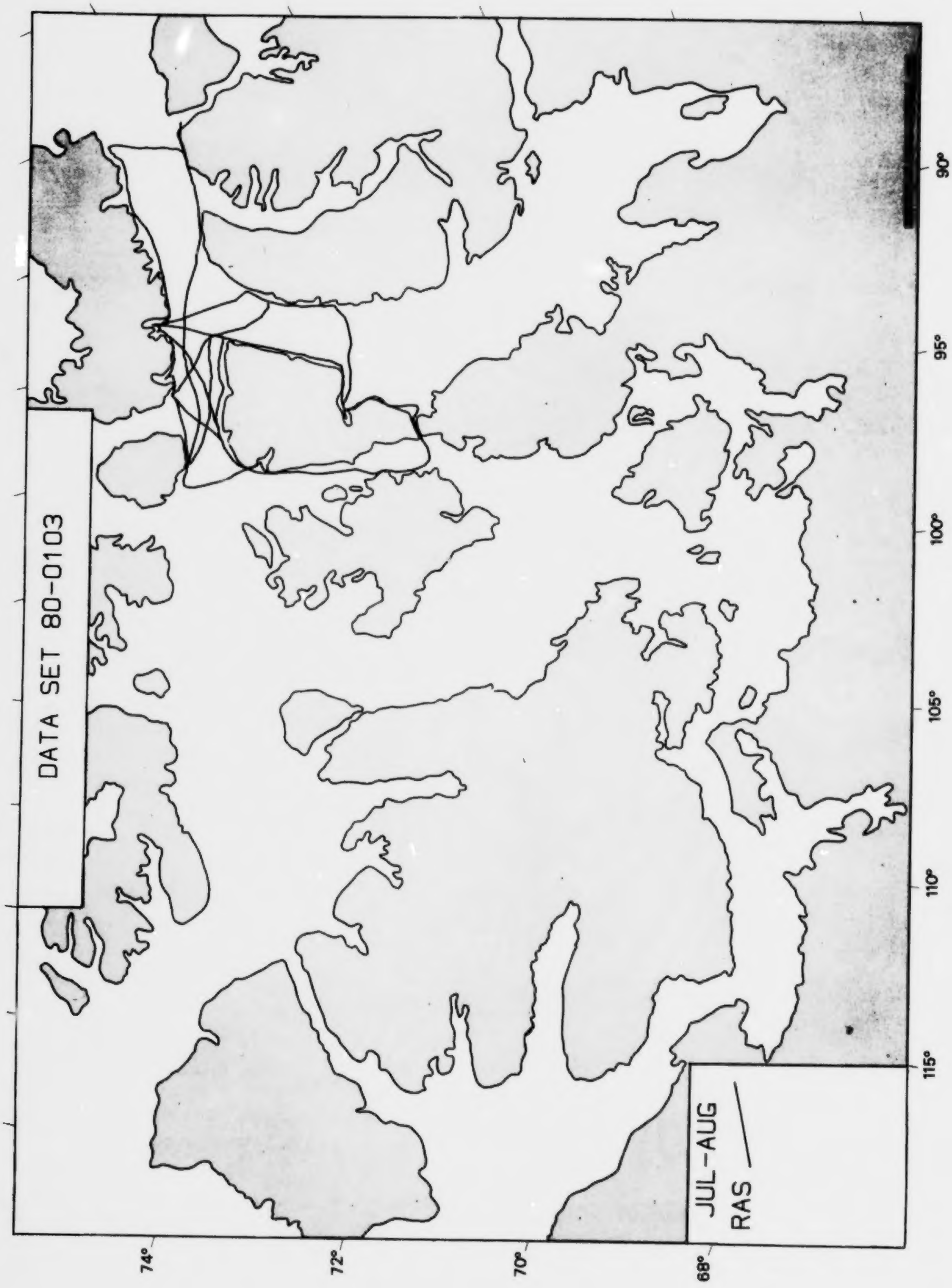
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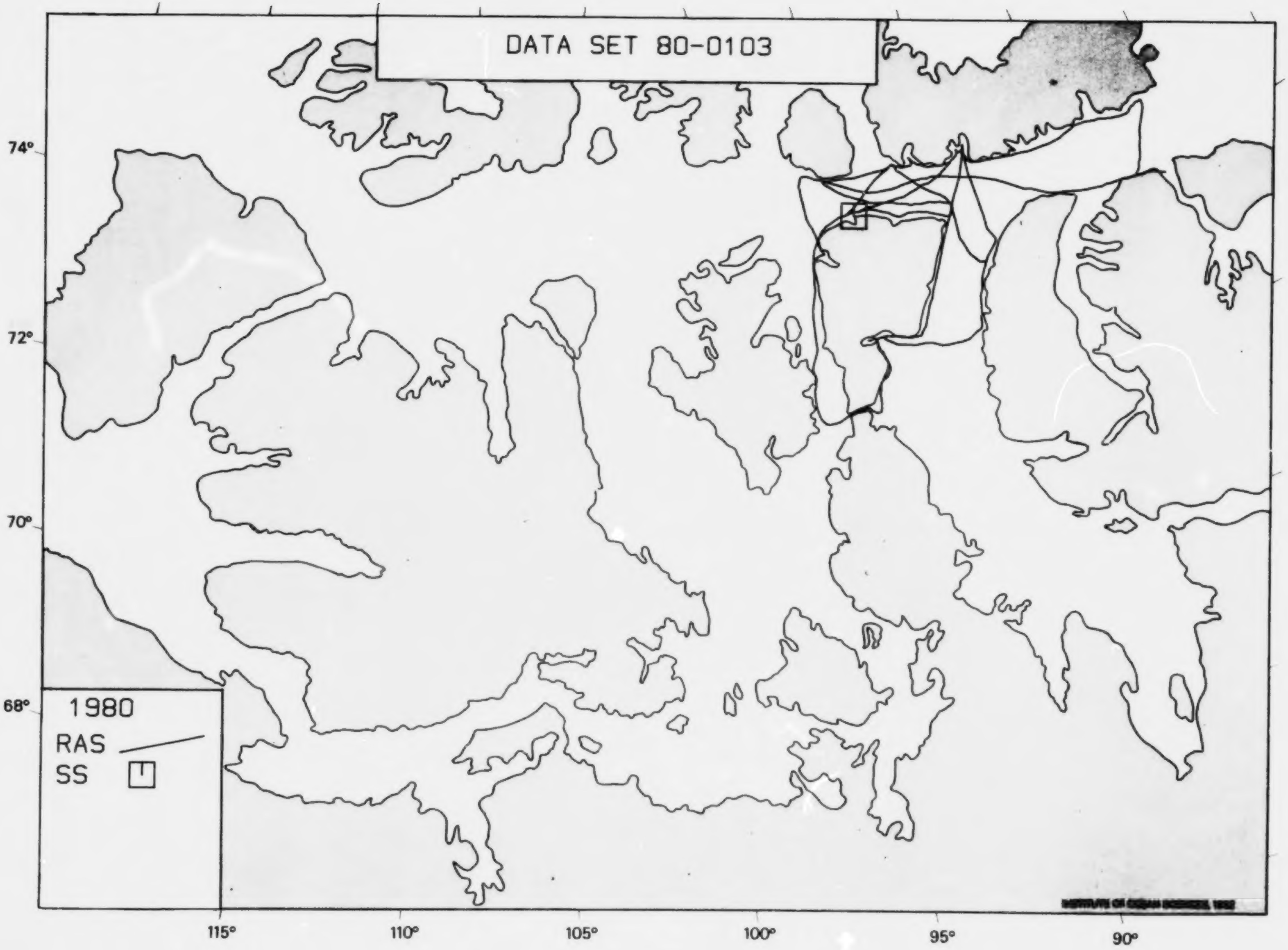
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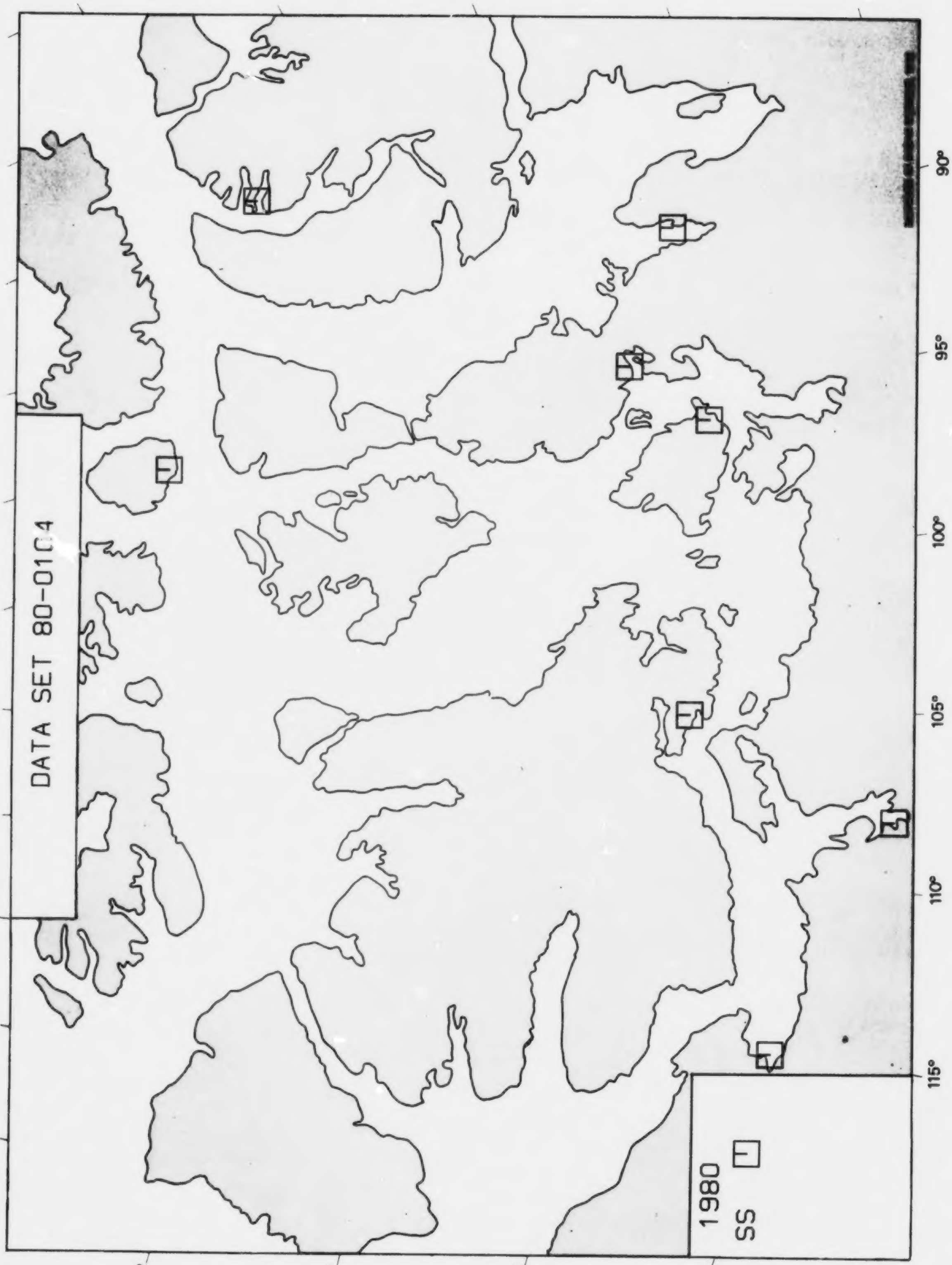
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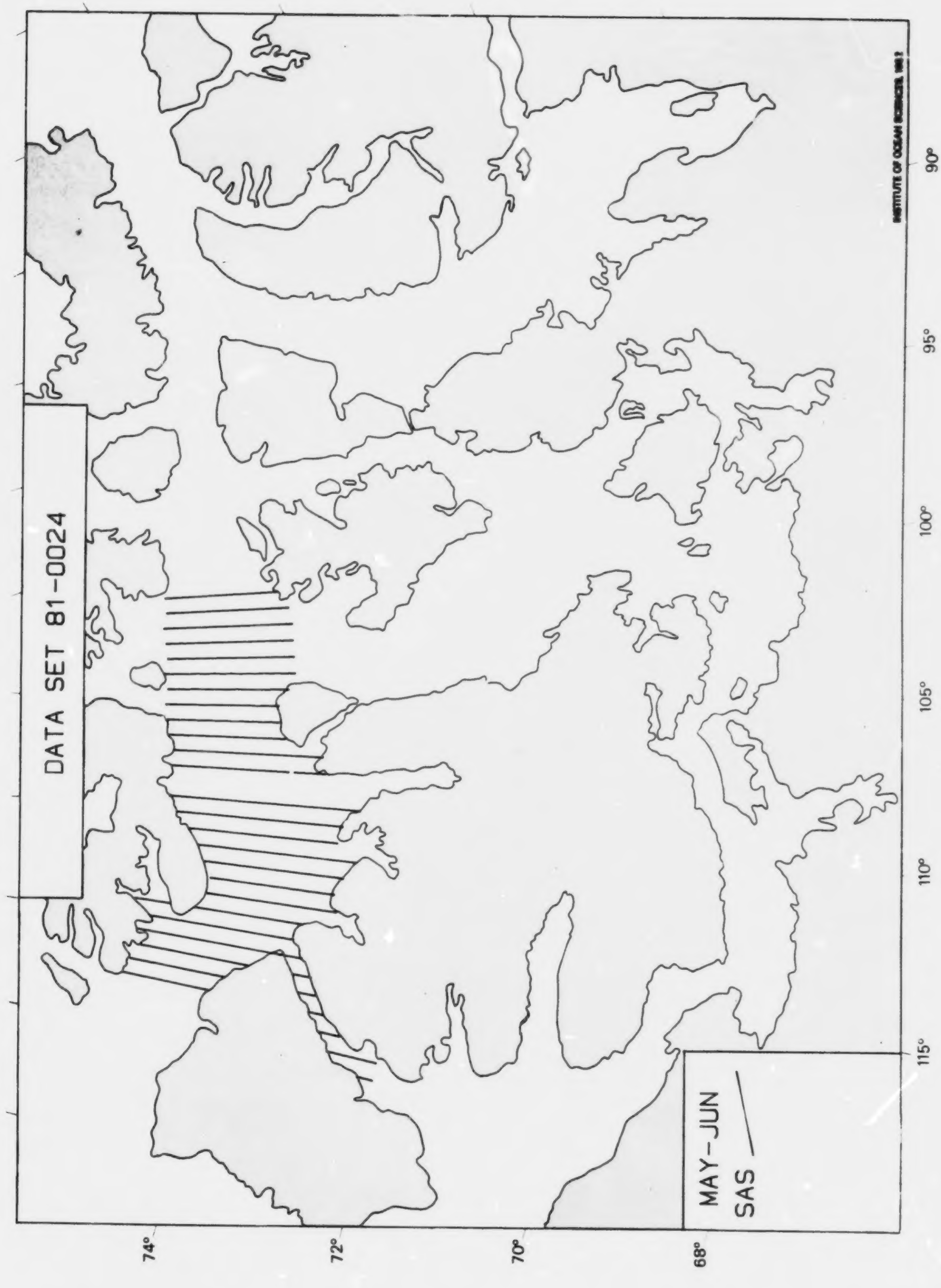
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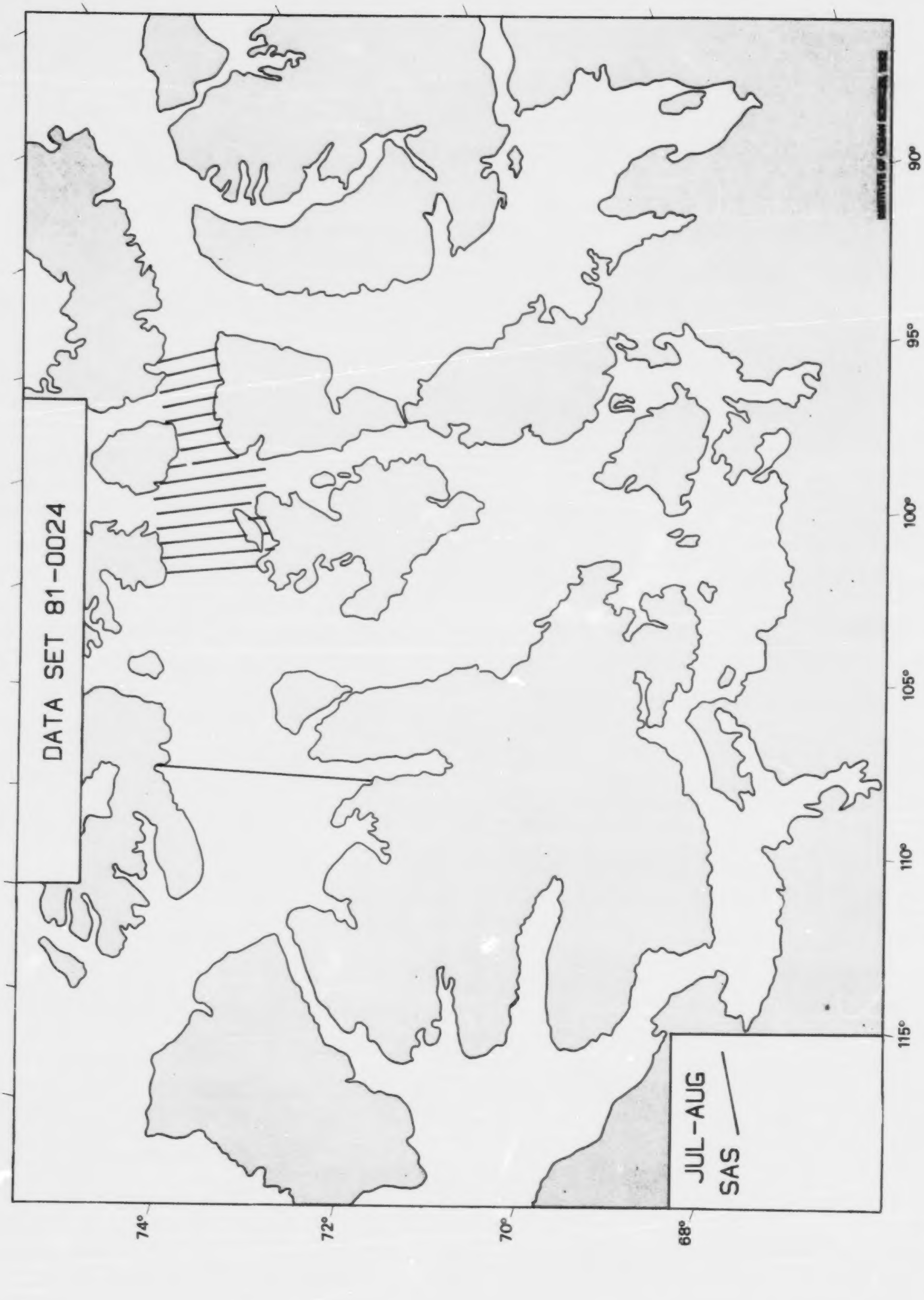
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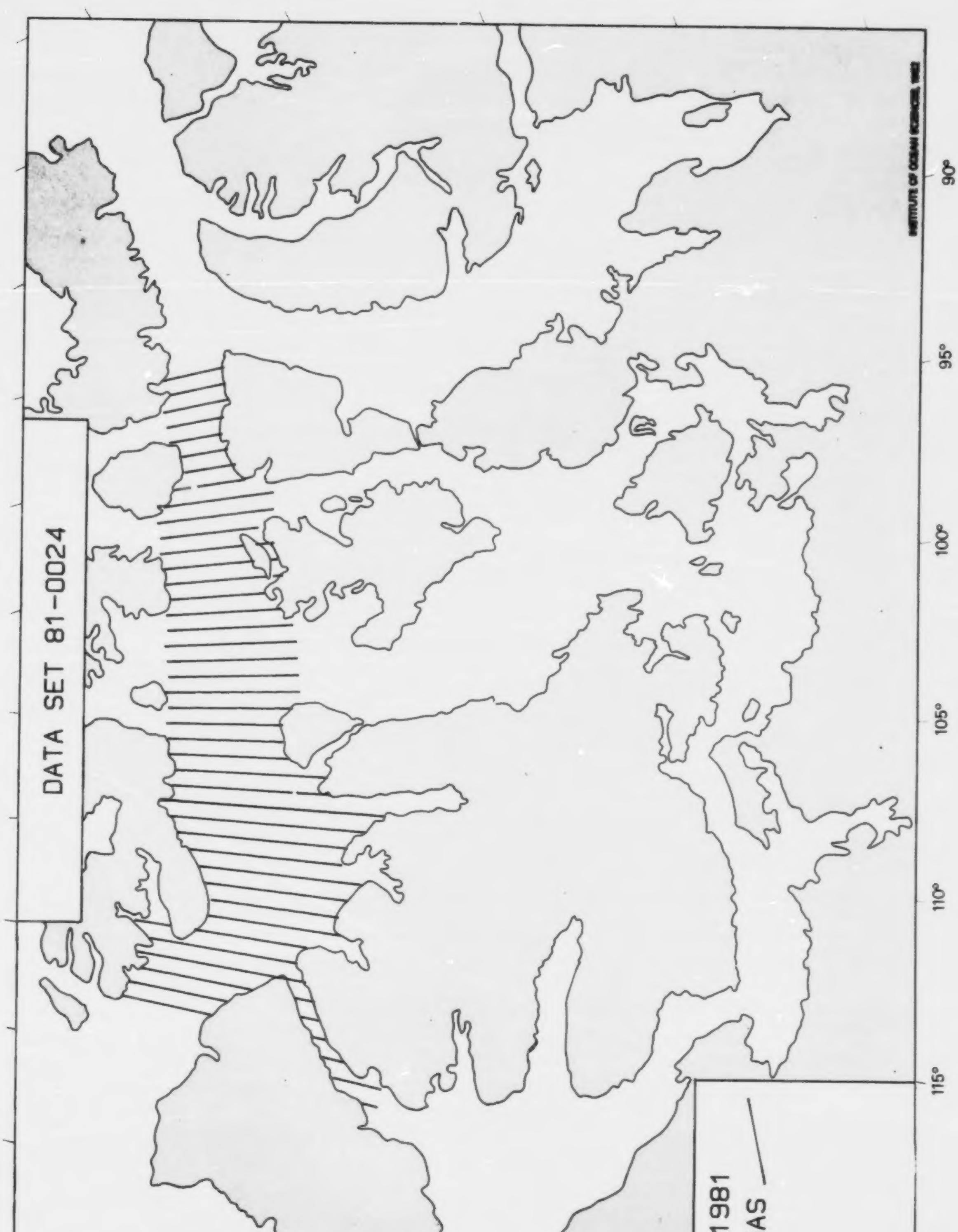
INSTITUTE OF OCEAN SCIENCES 1982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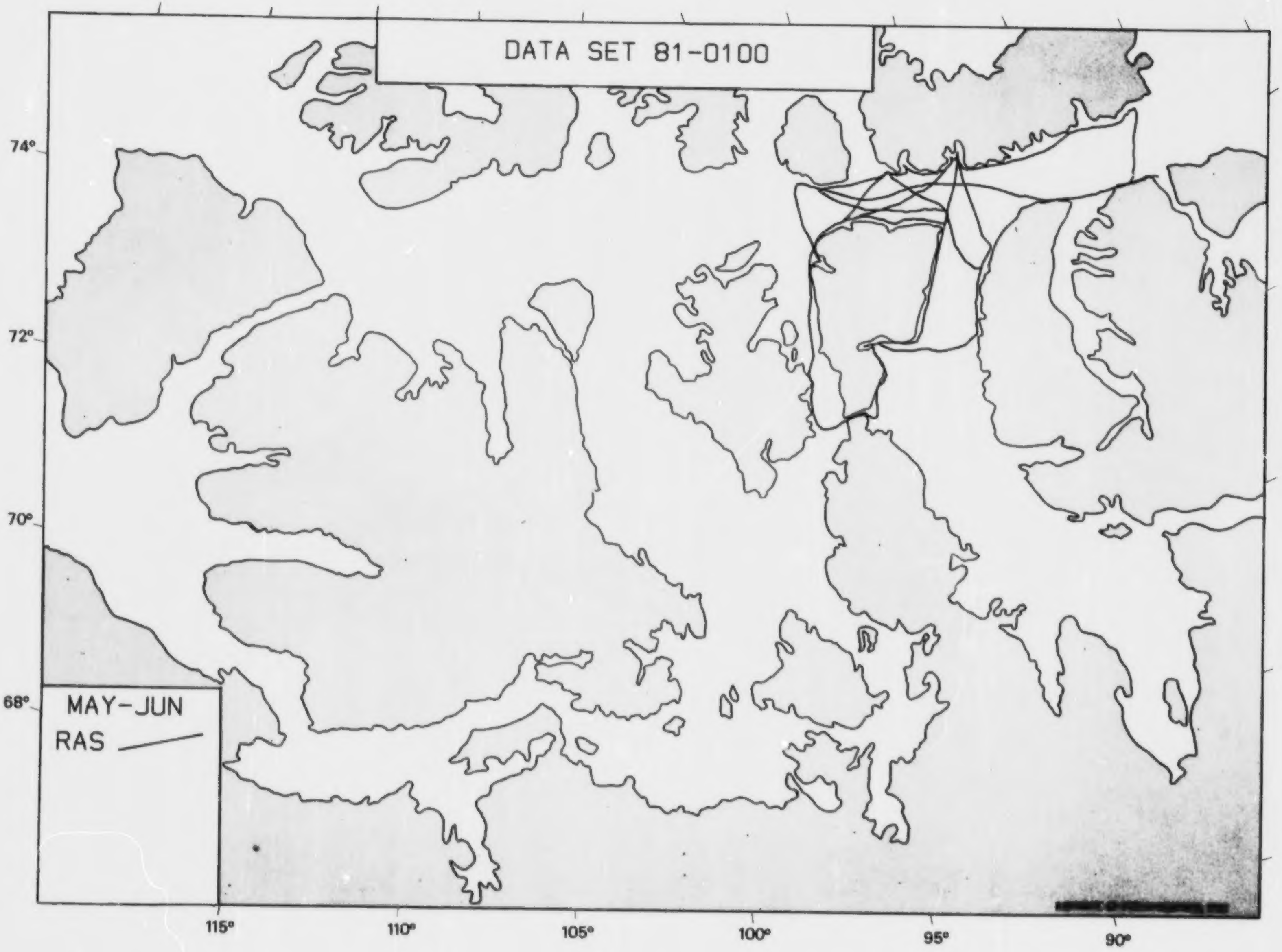
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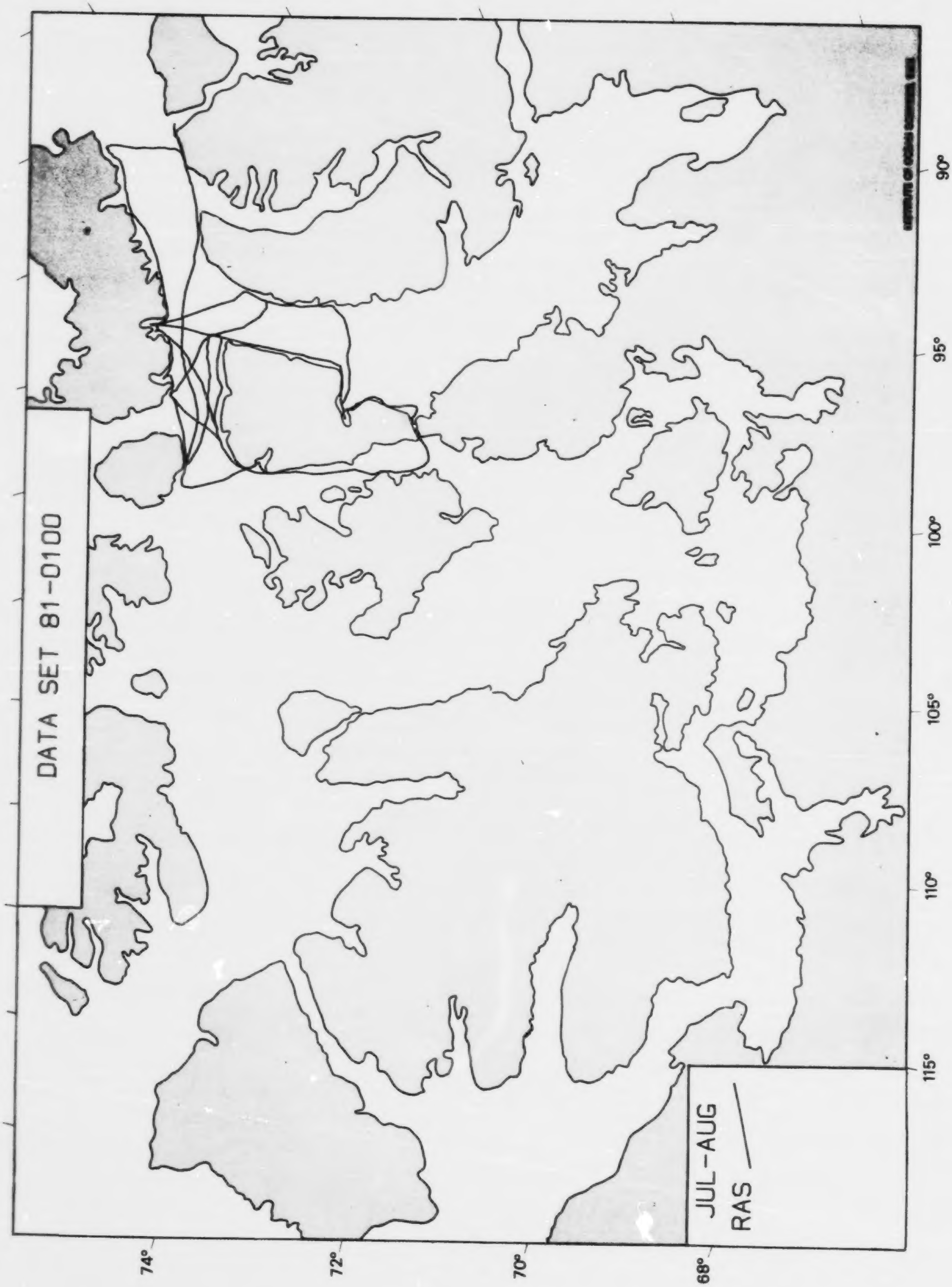
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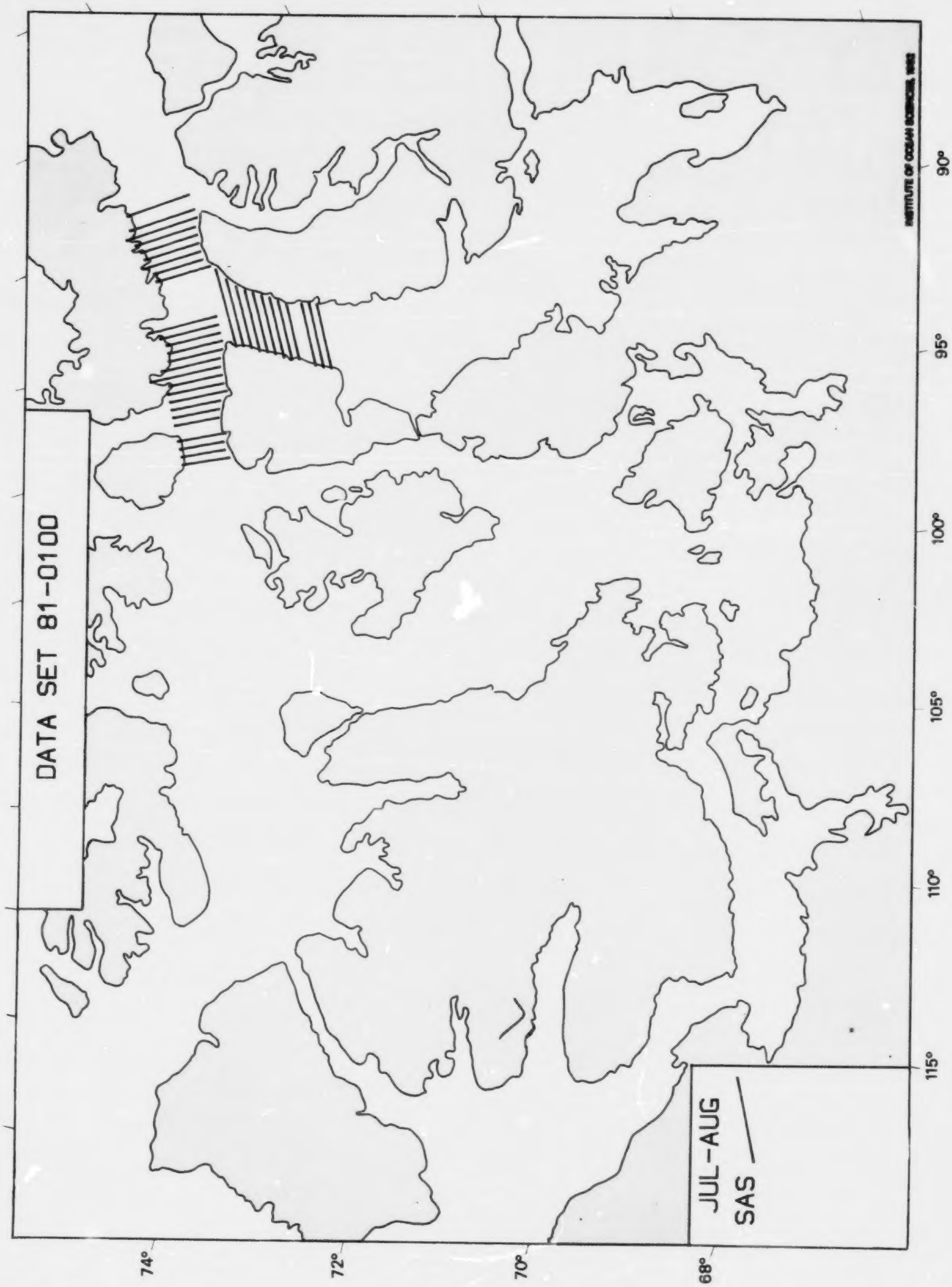
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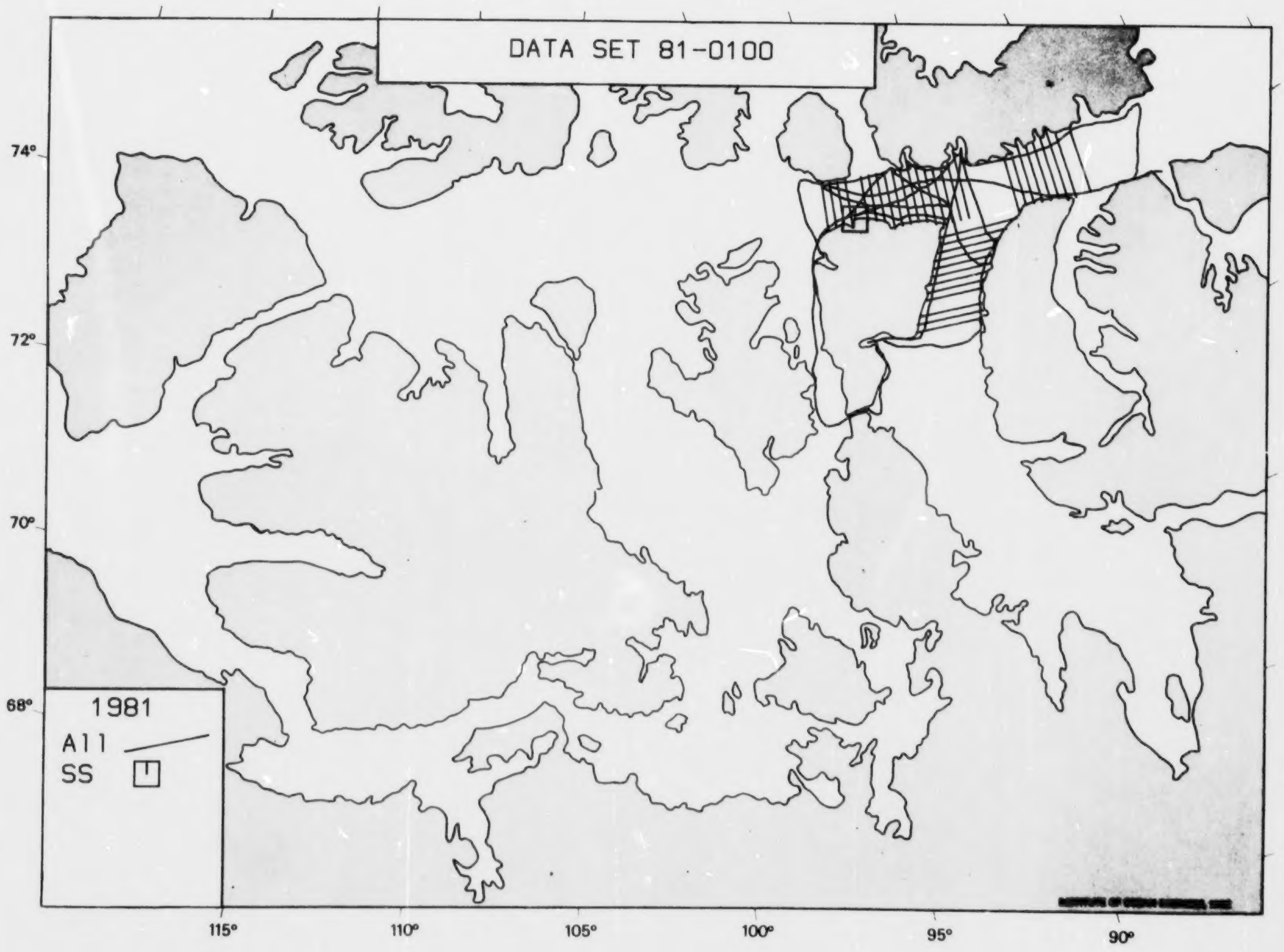
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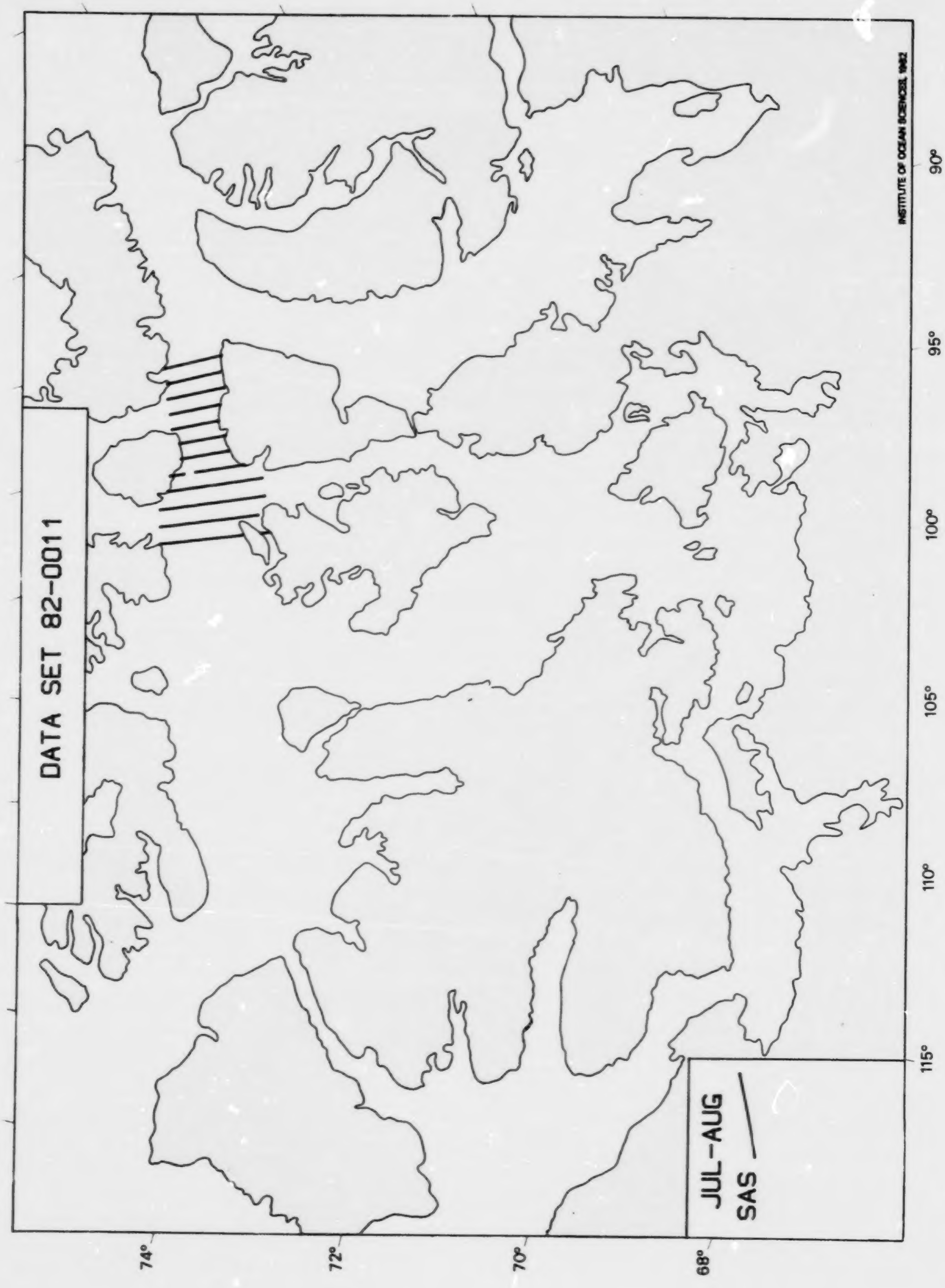
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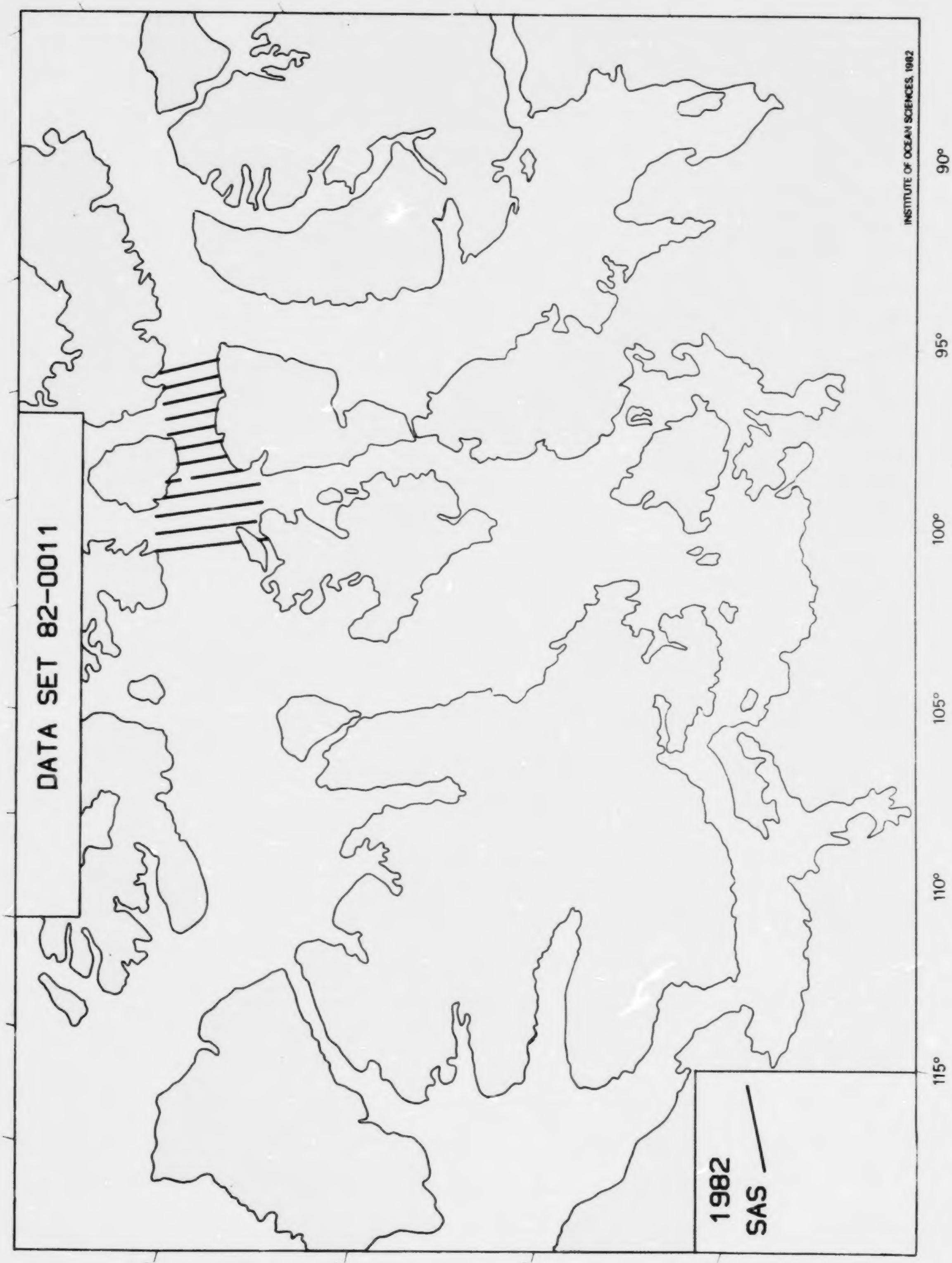
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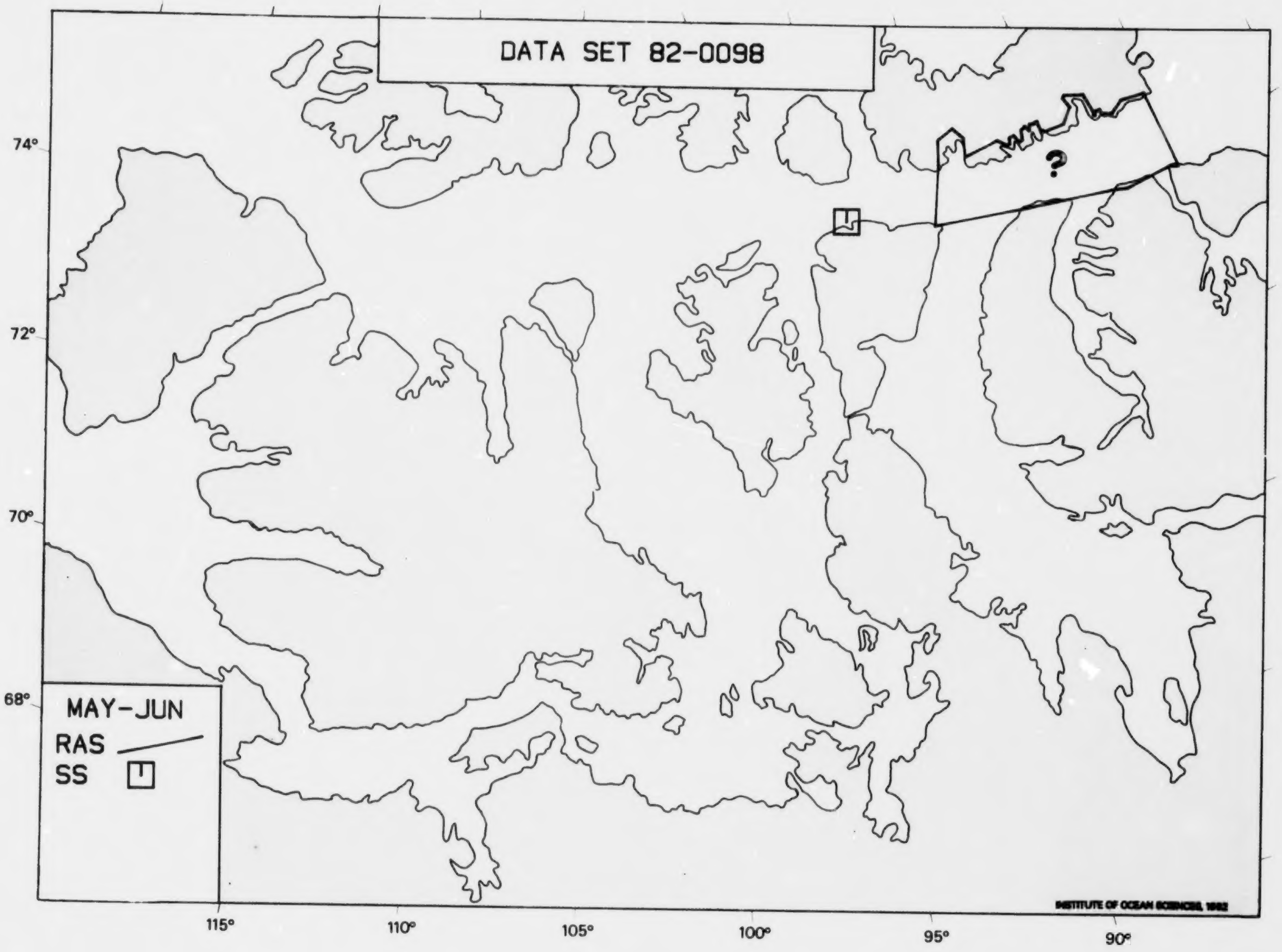
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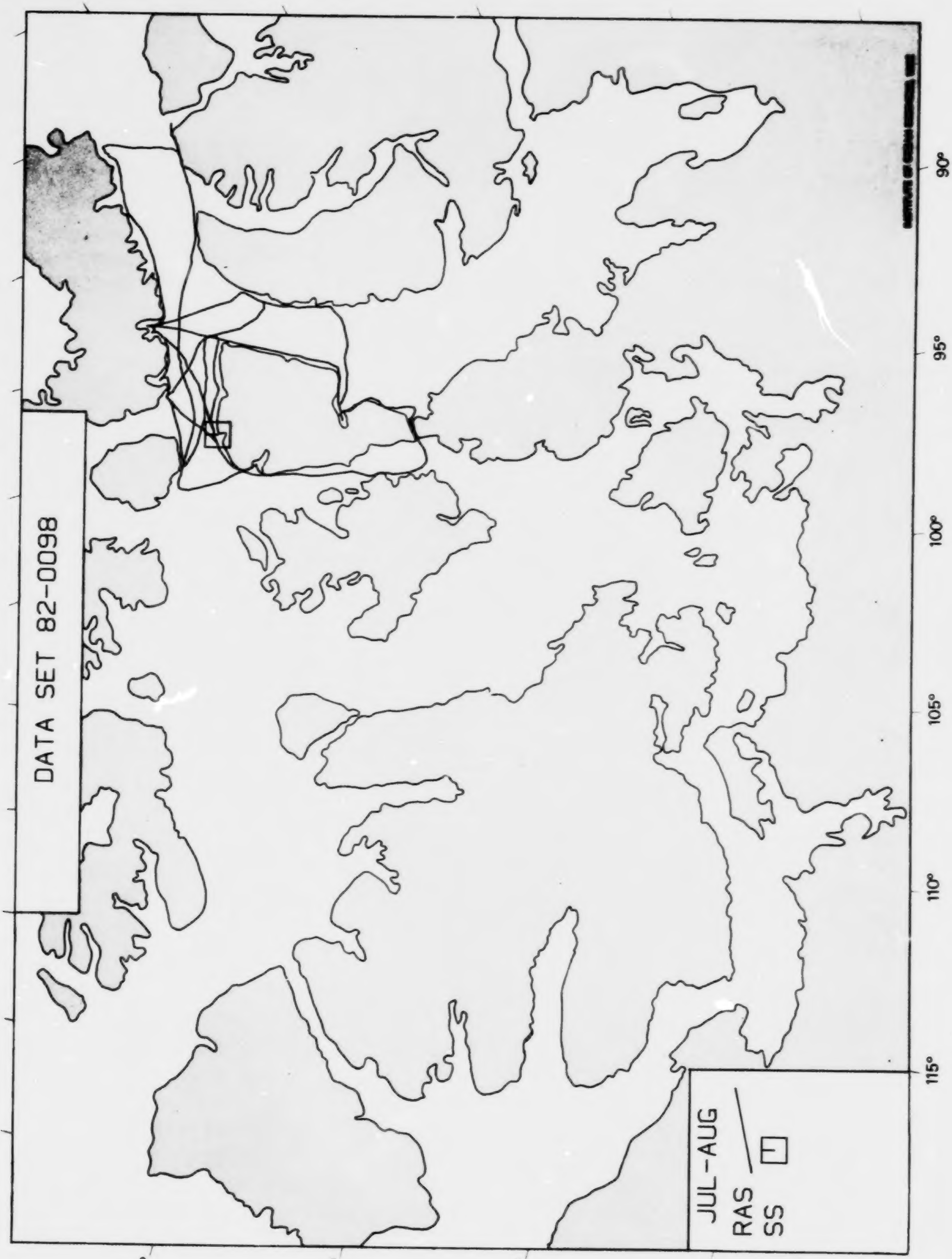
INSTITUTE OF OCEAN SCIENCES, 1982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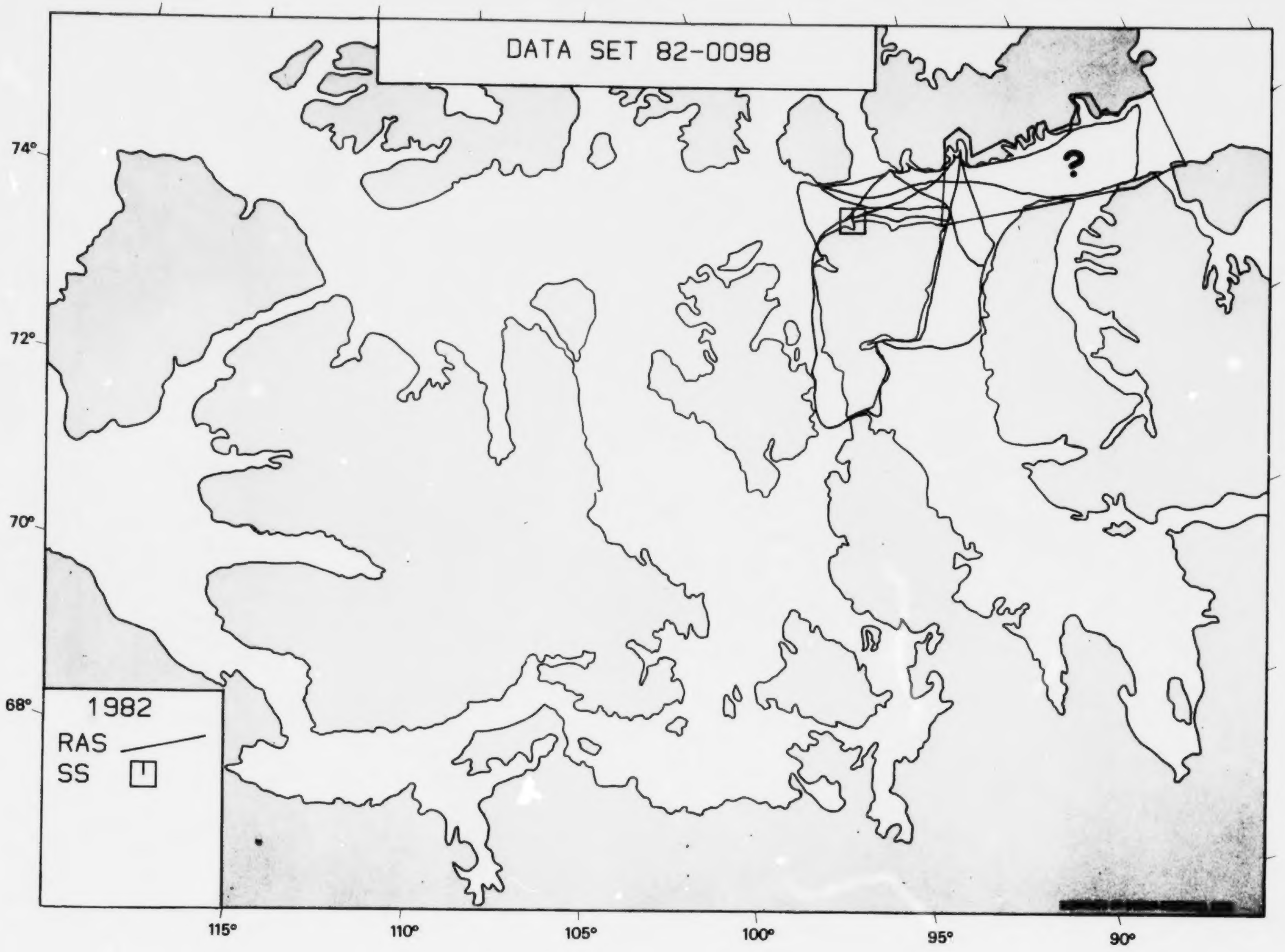
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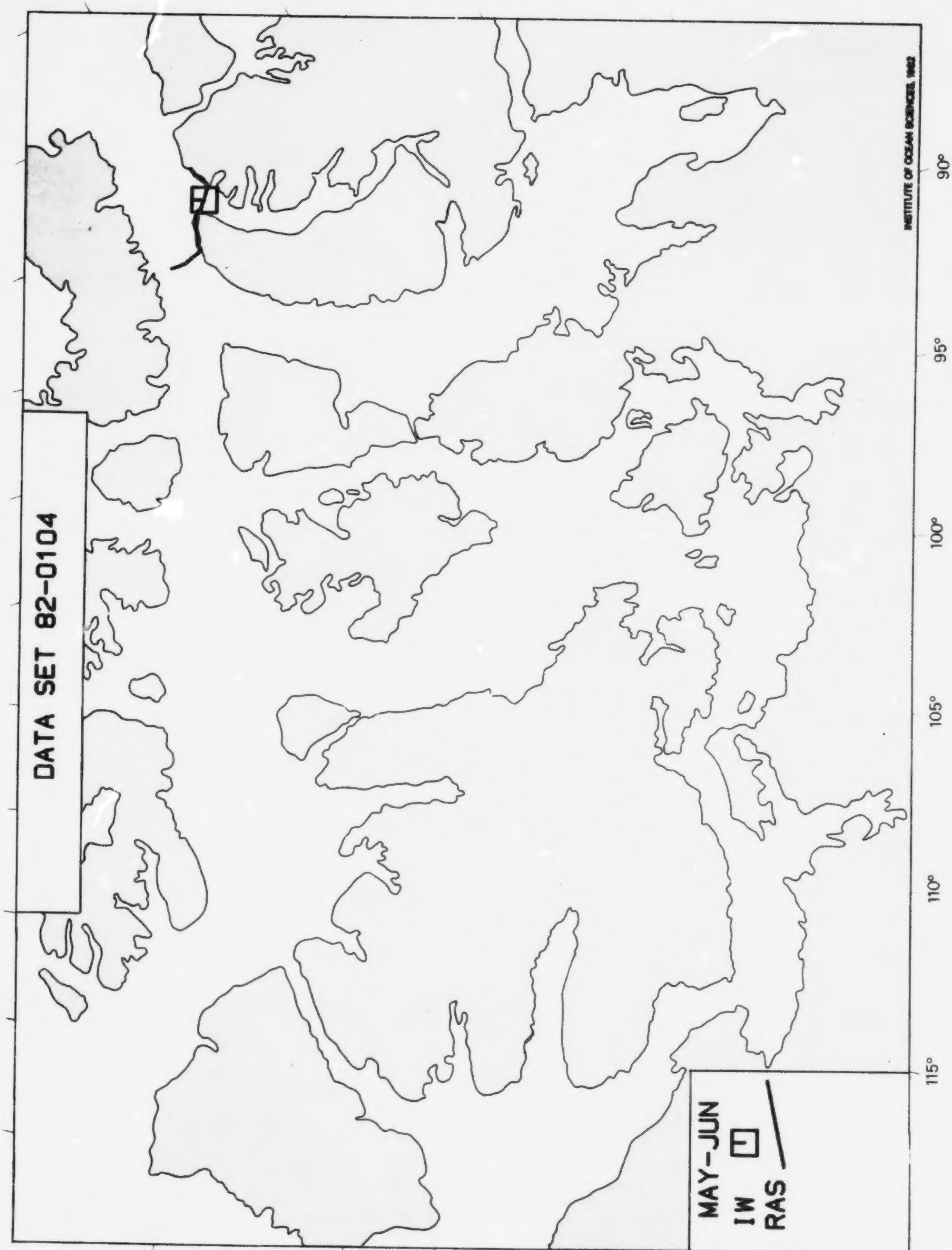
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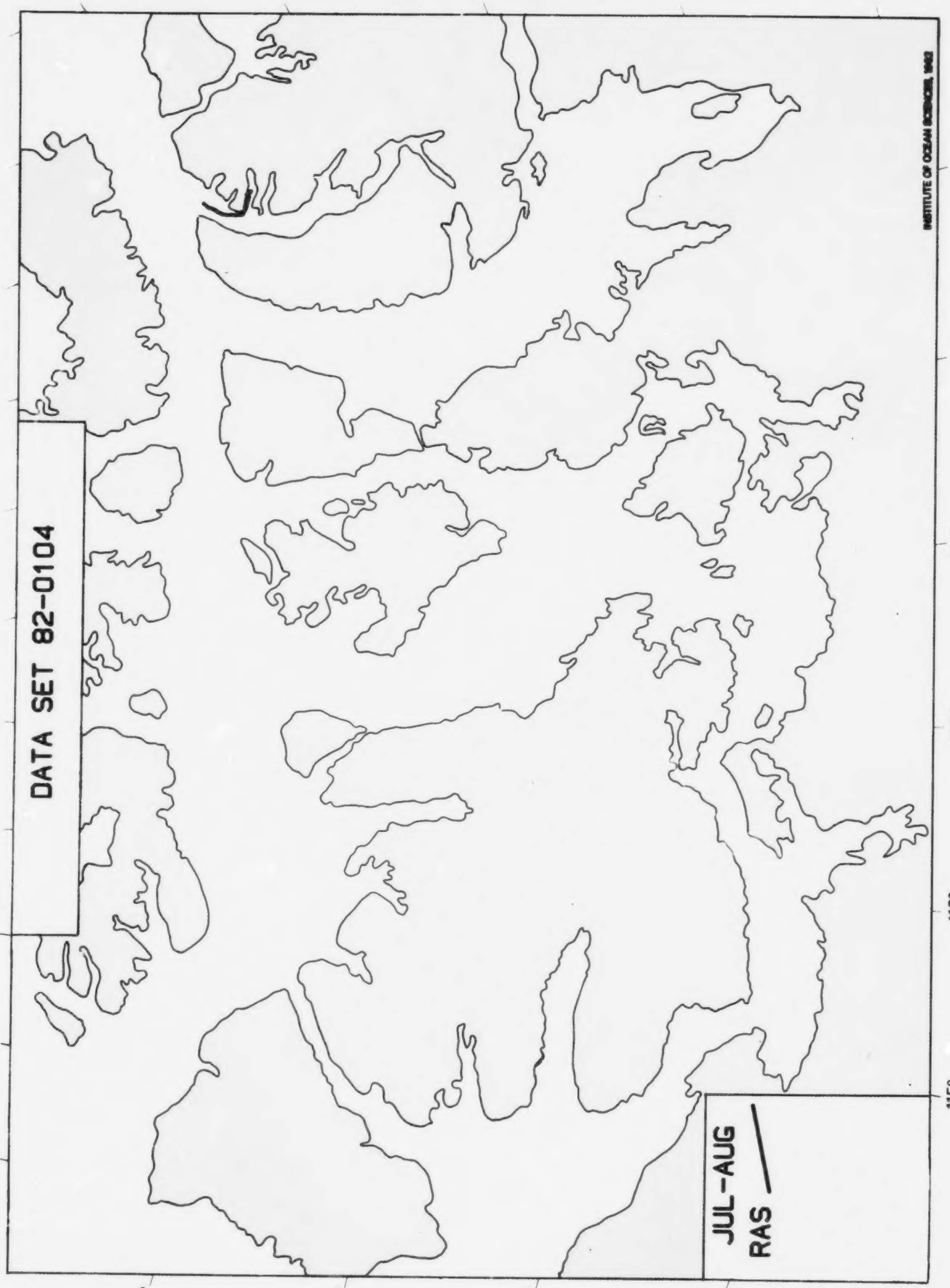
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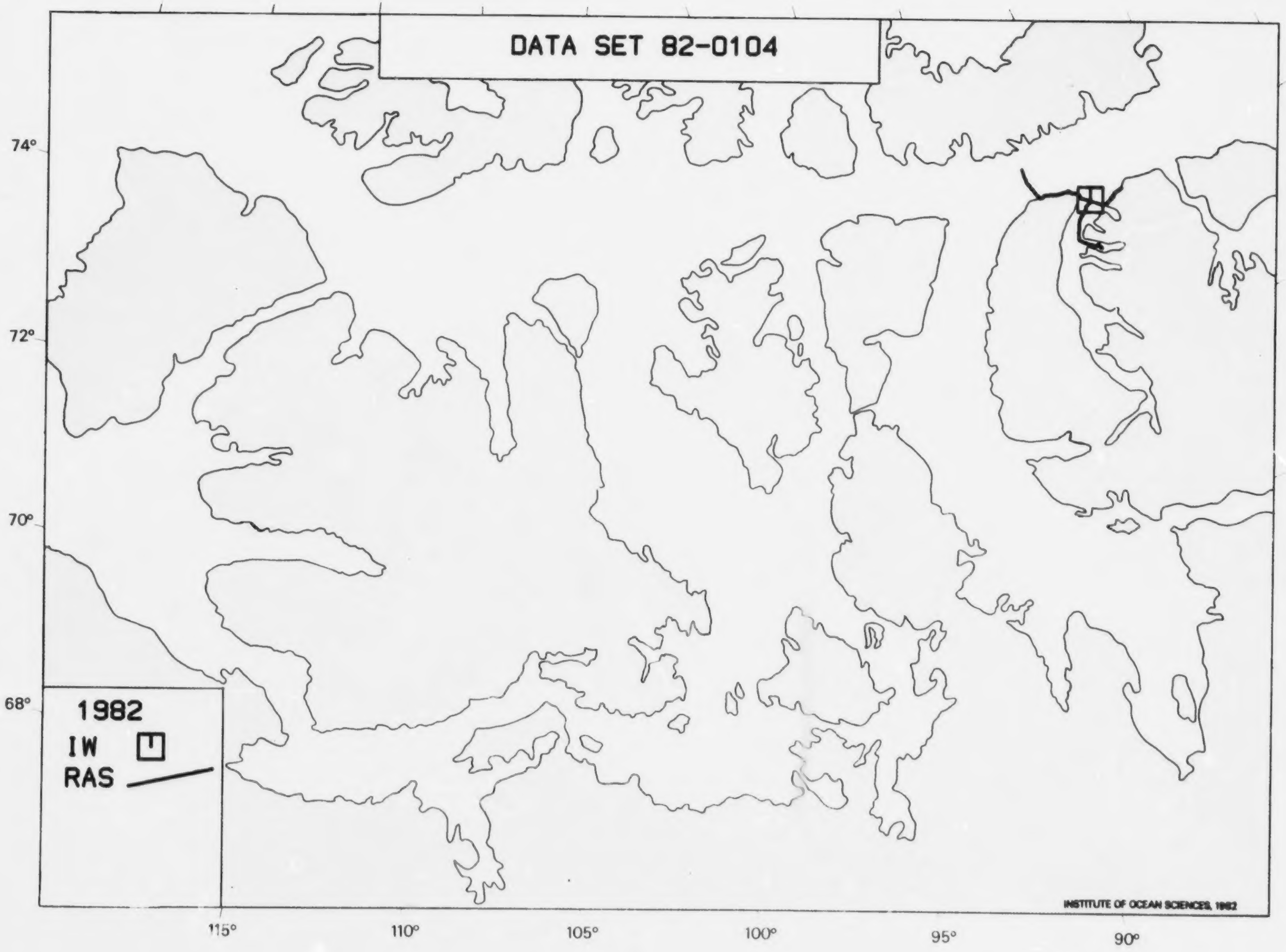
INSTITUTE OF OCEAN SCIENCES, 1982



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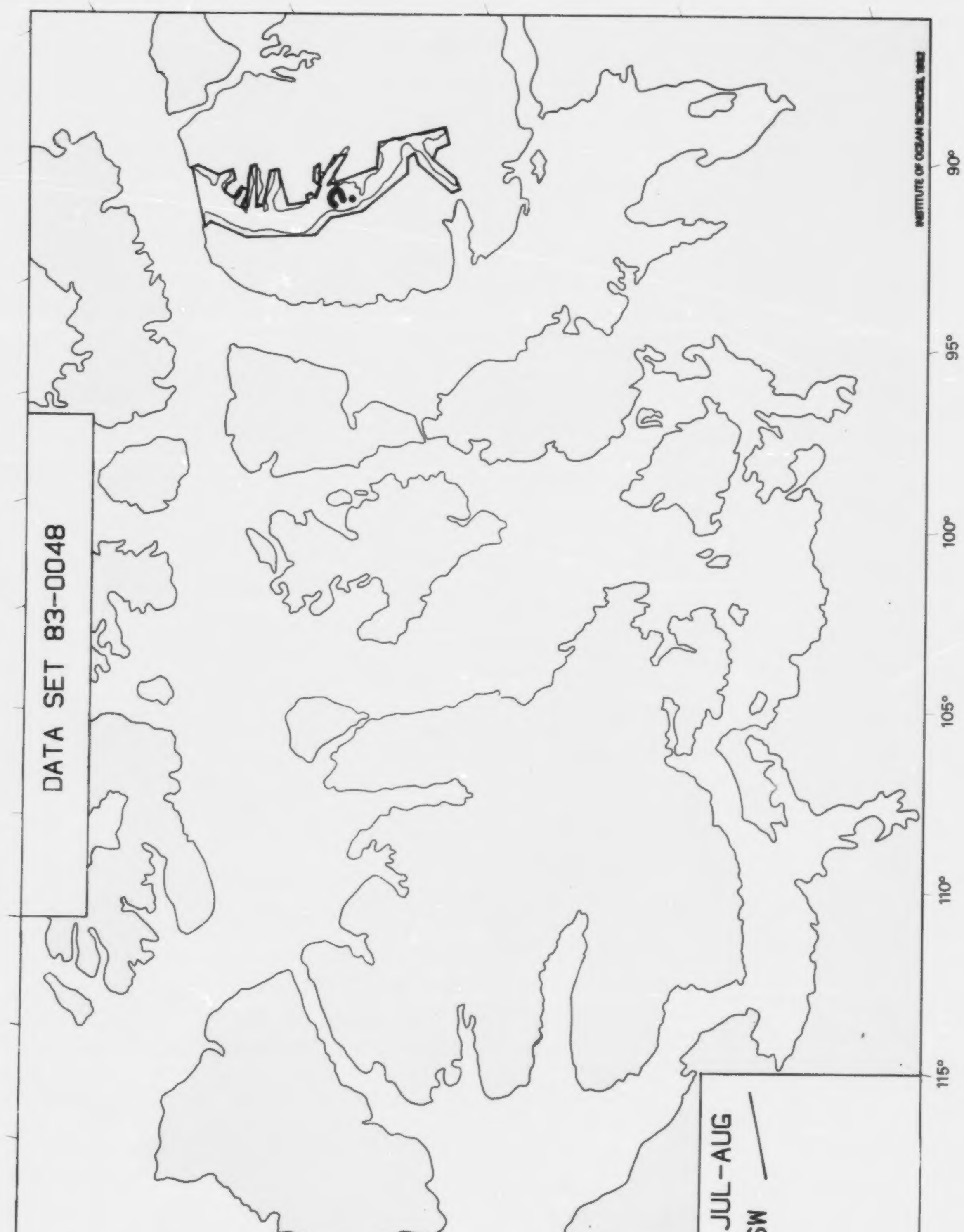
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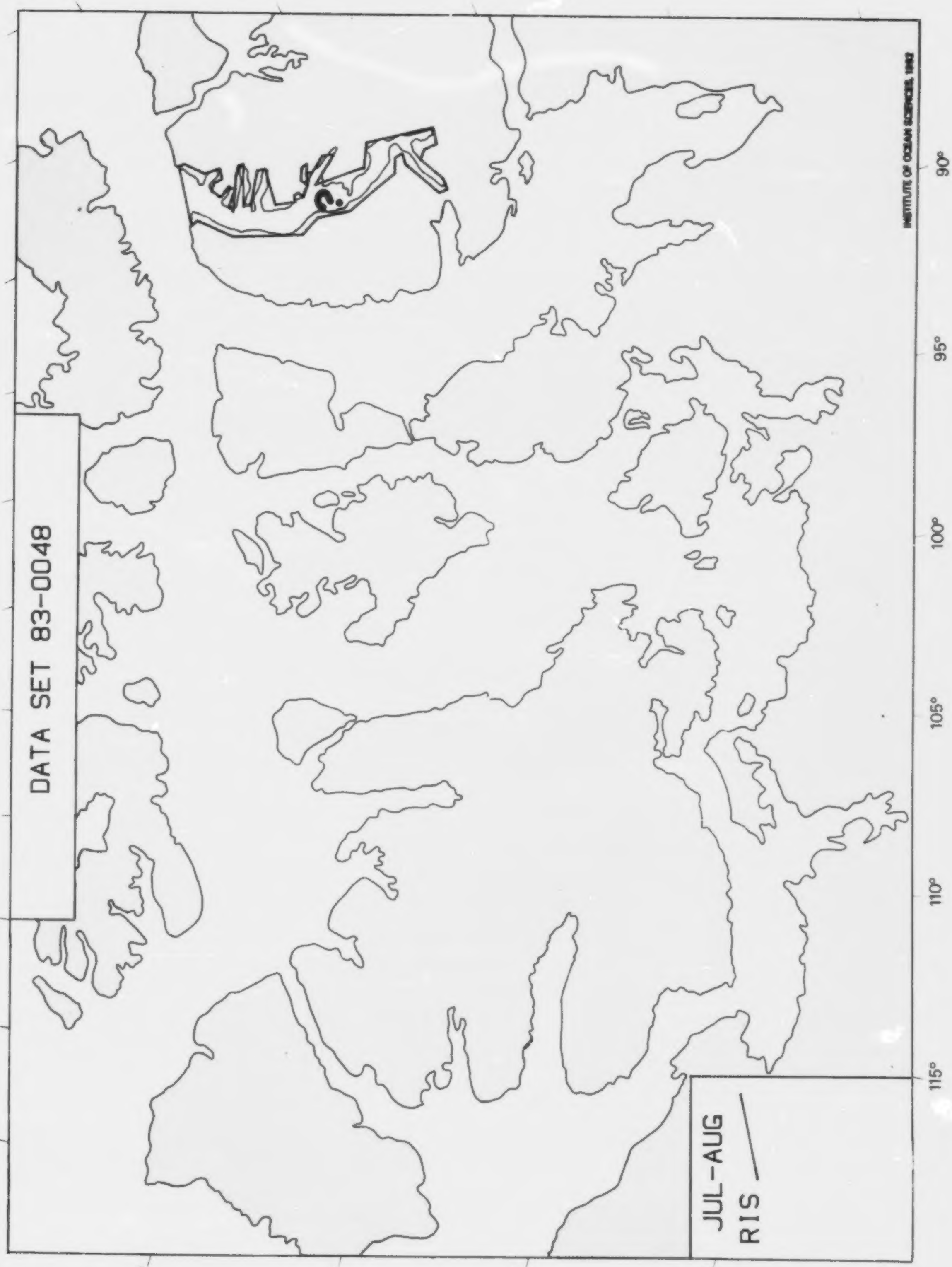
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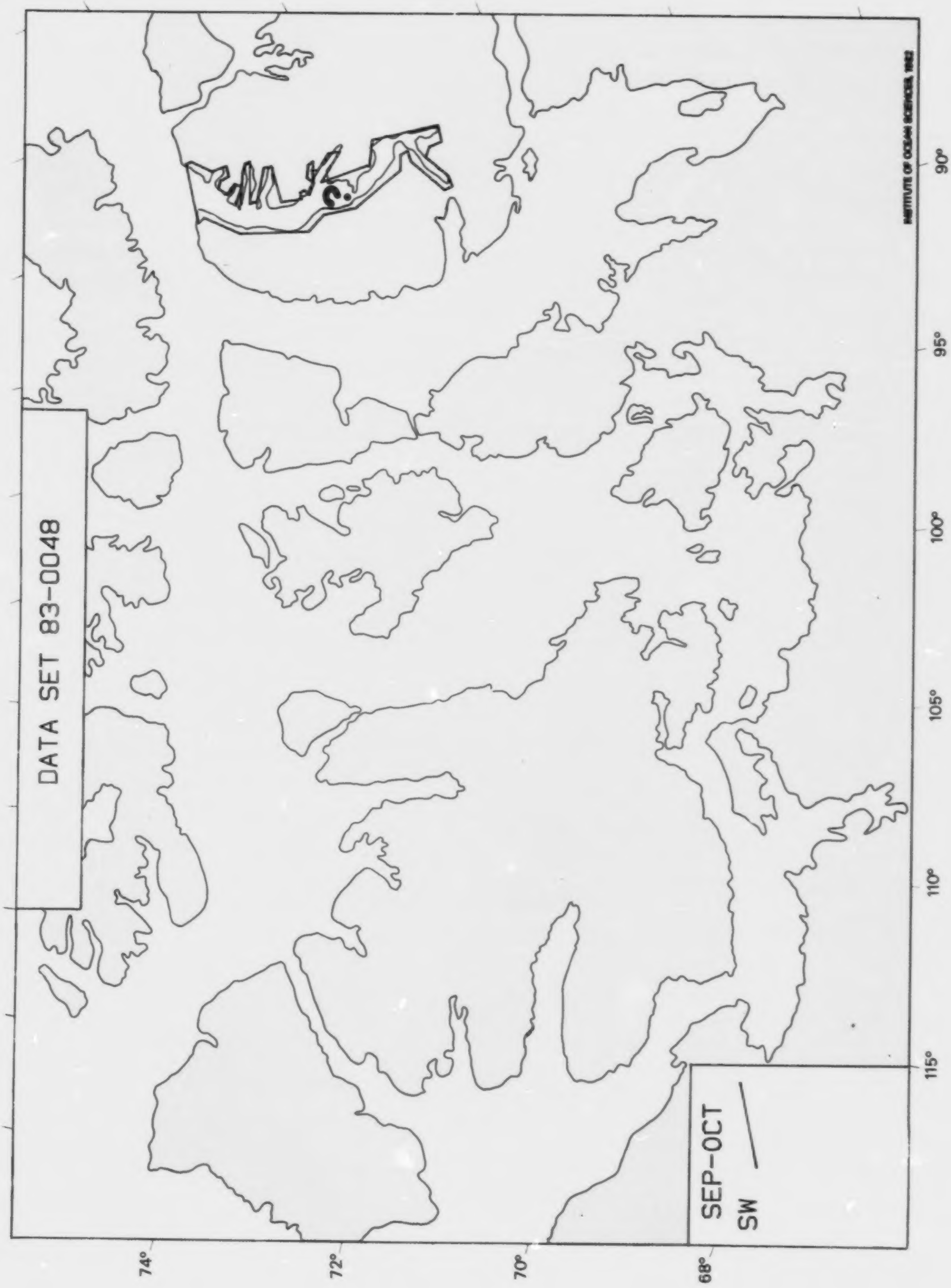
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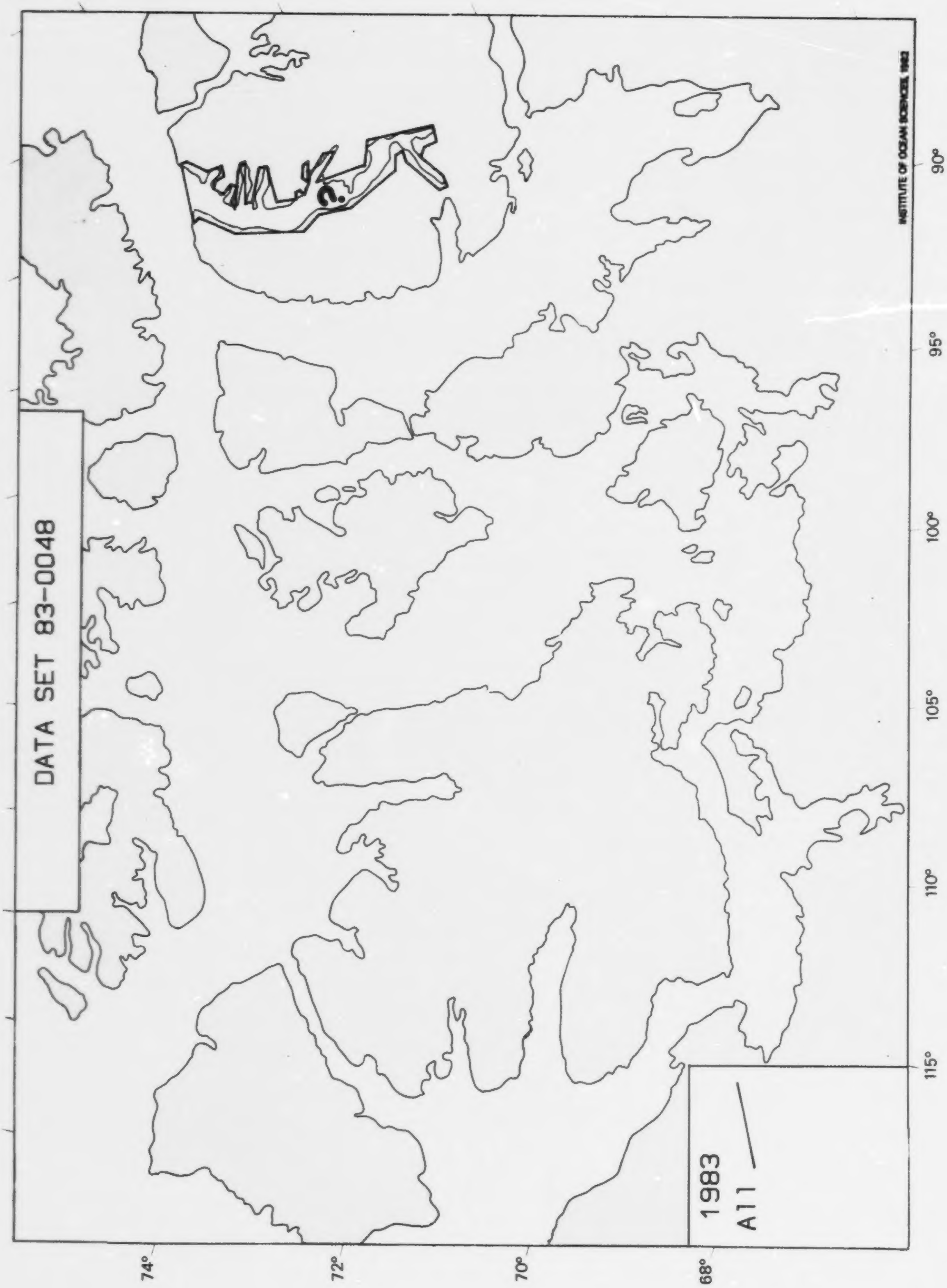
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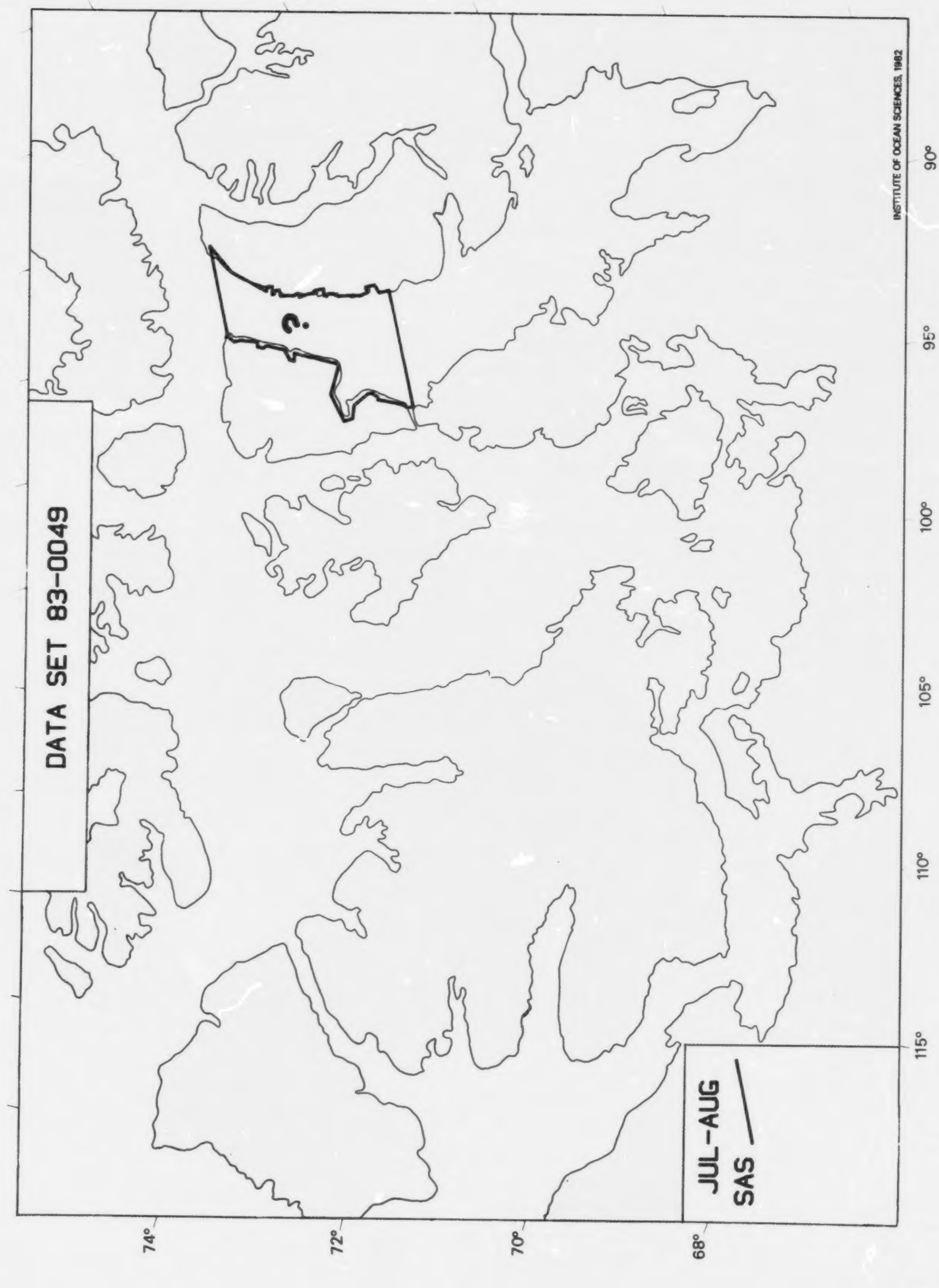
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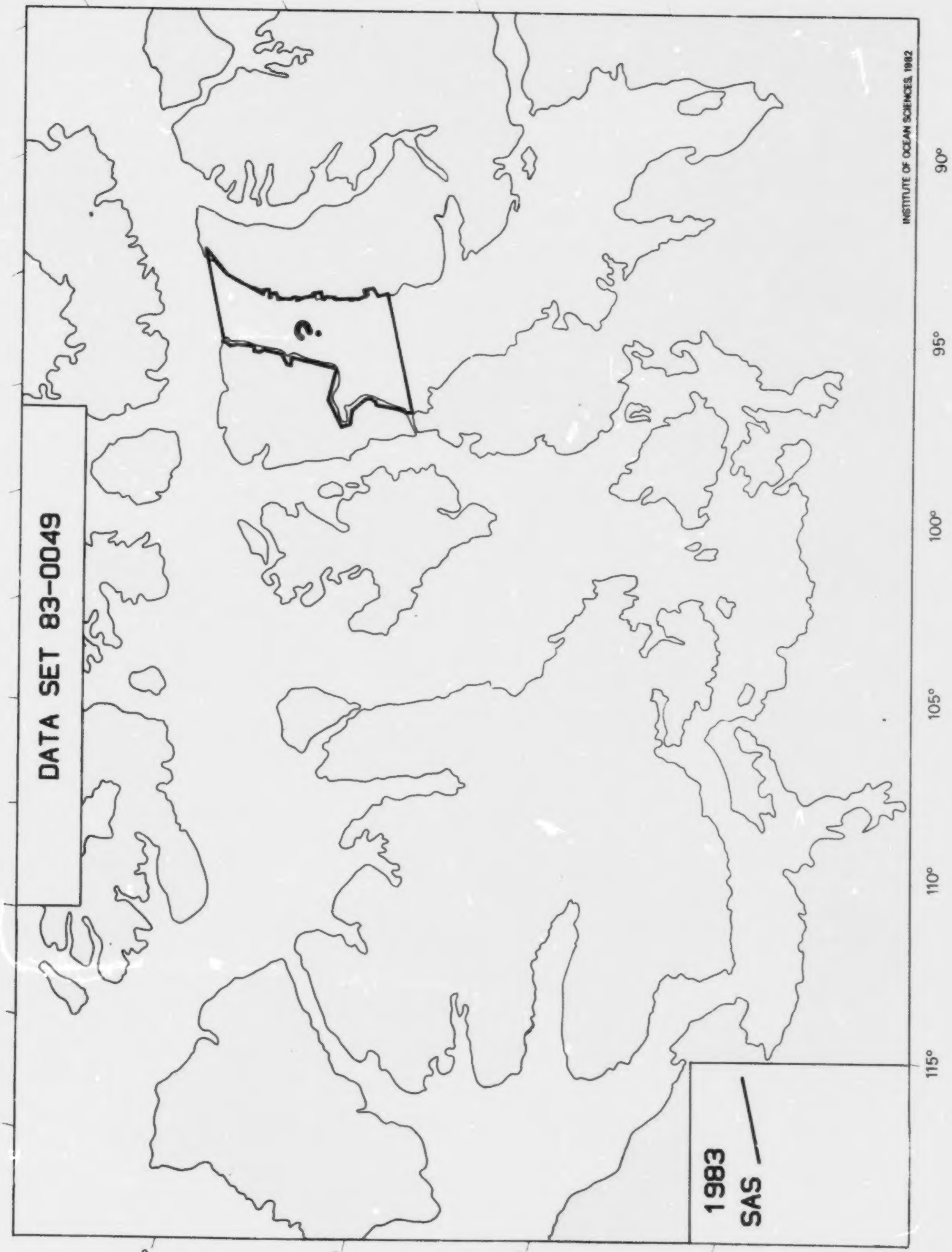
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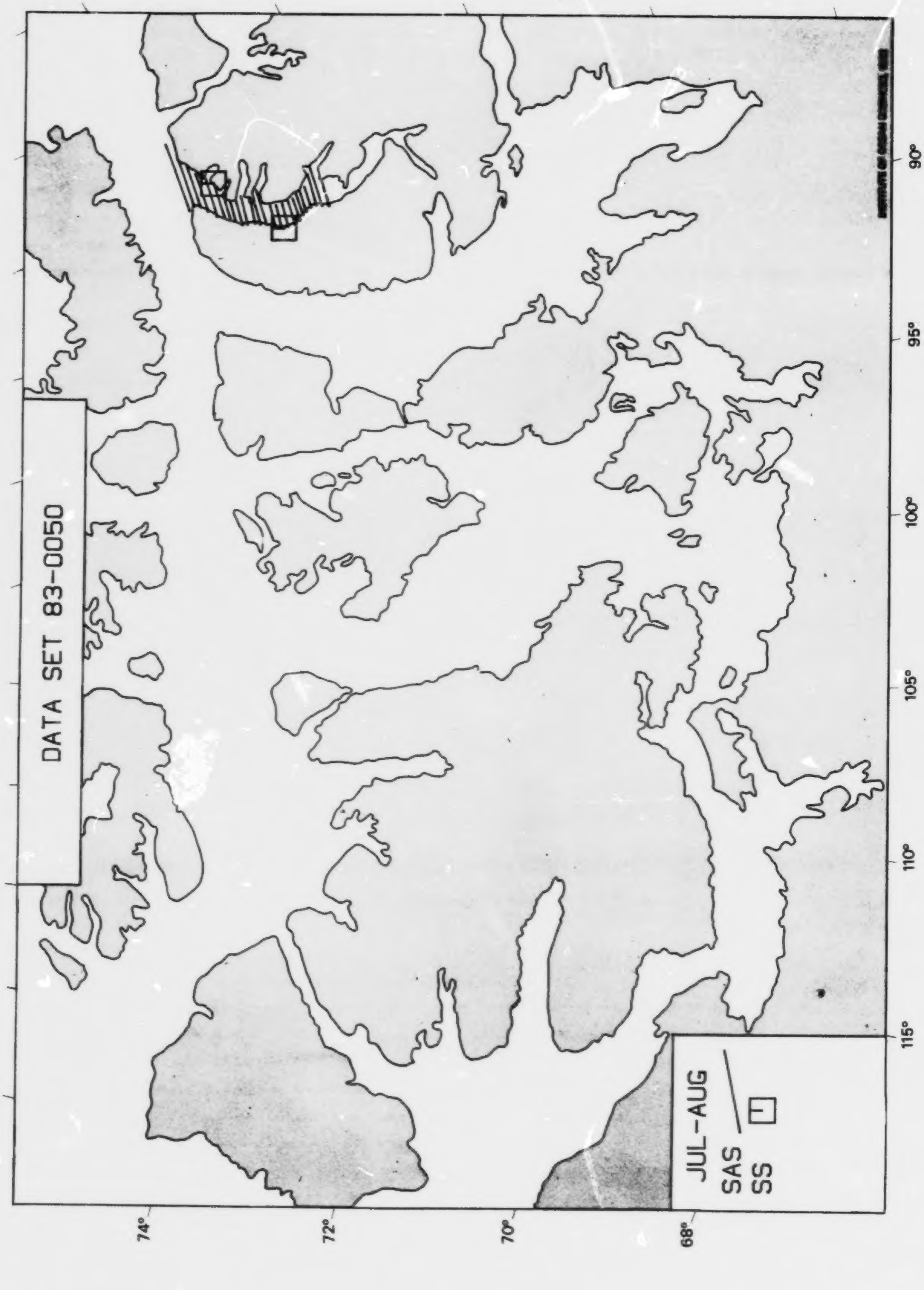
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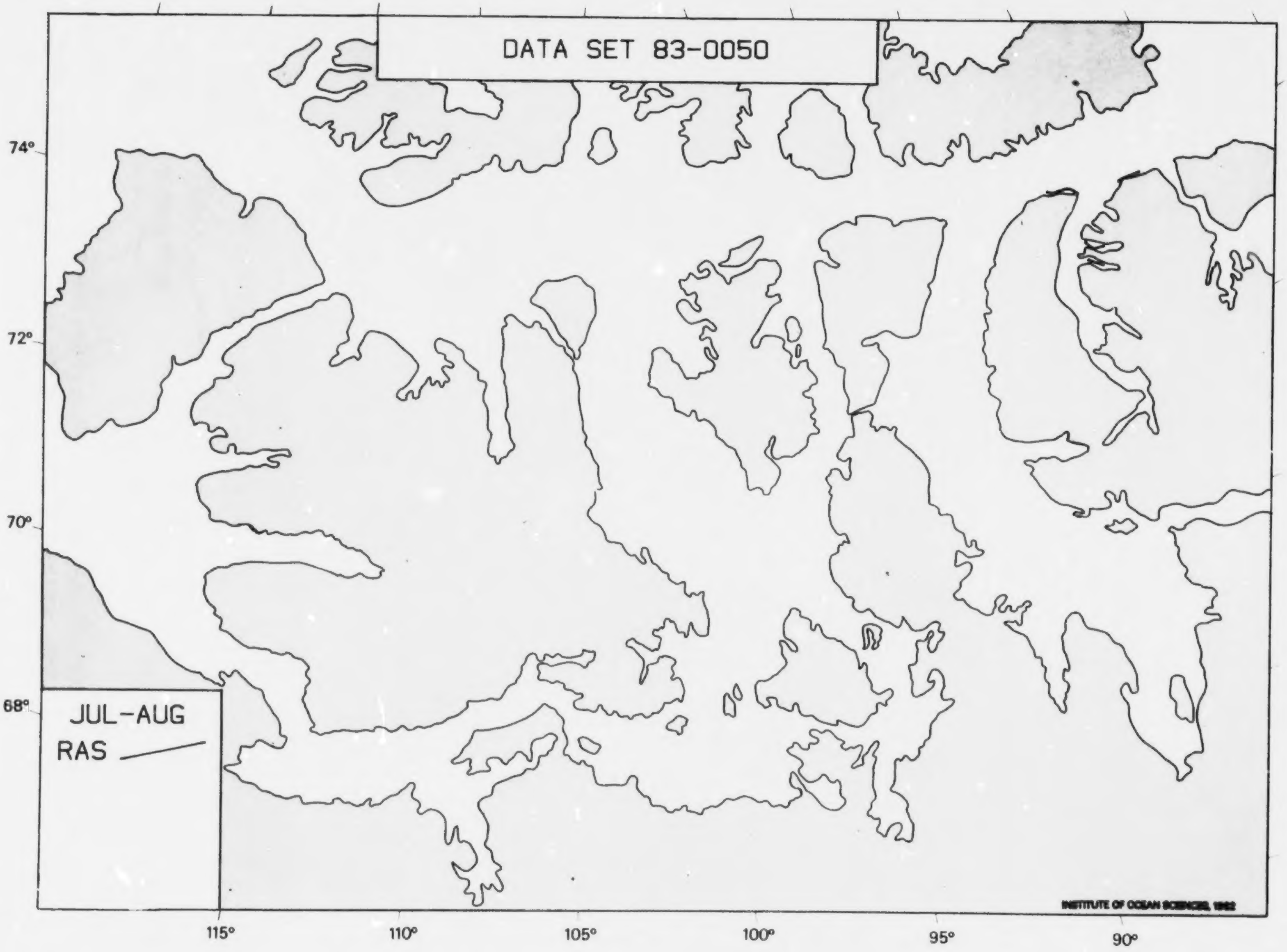
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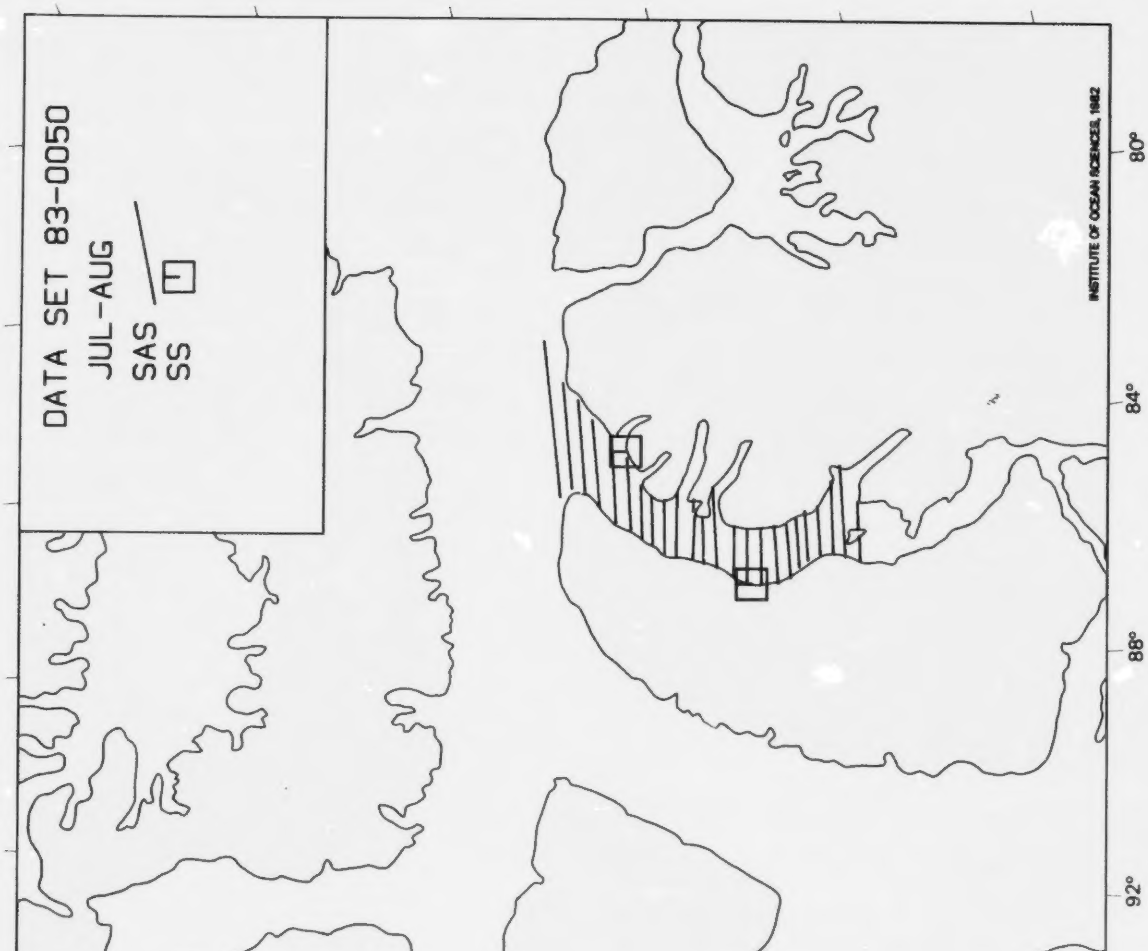
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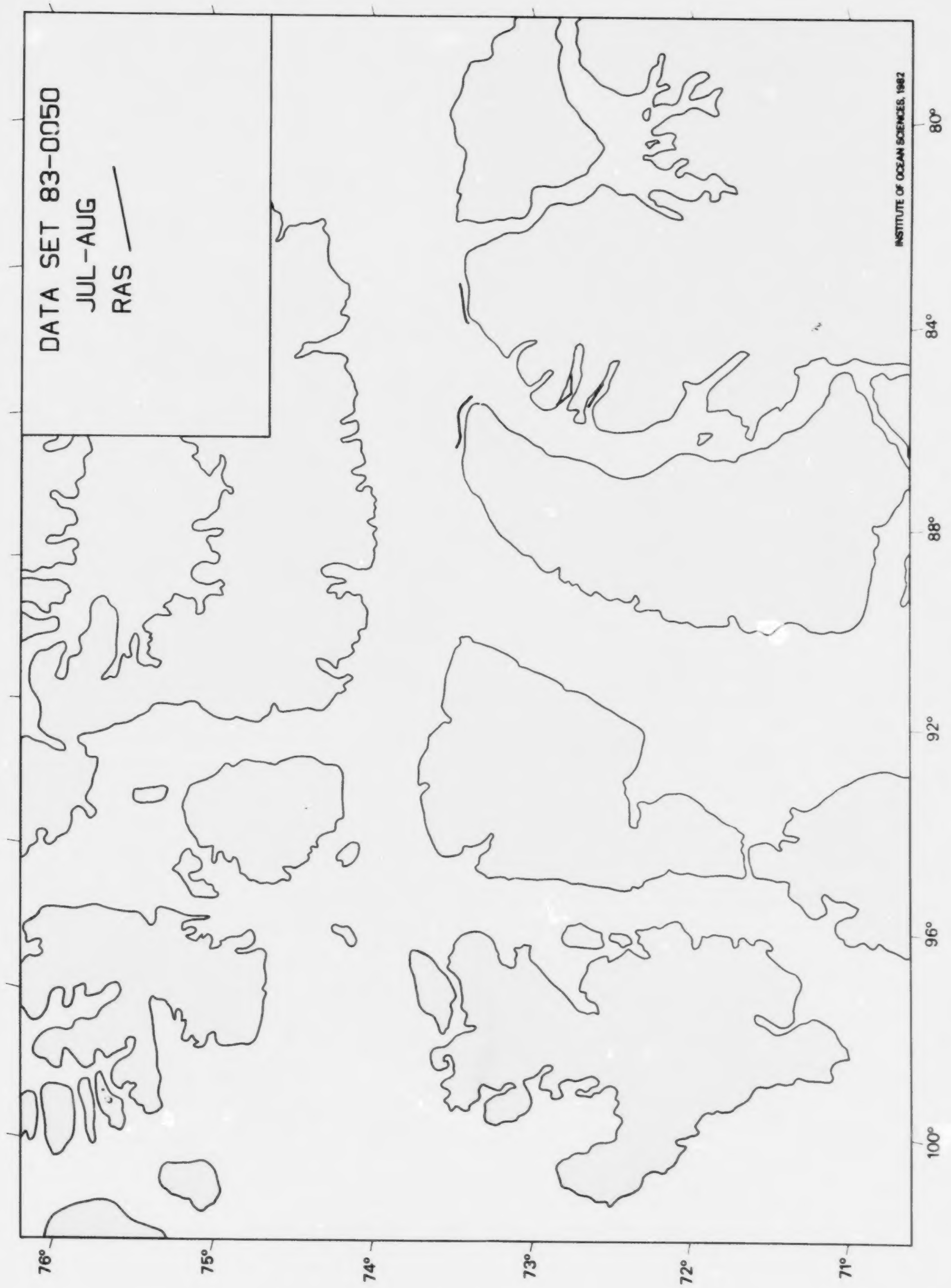
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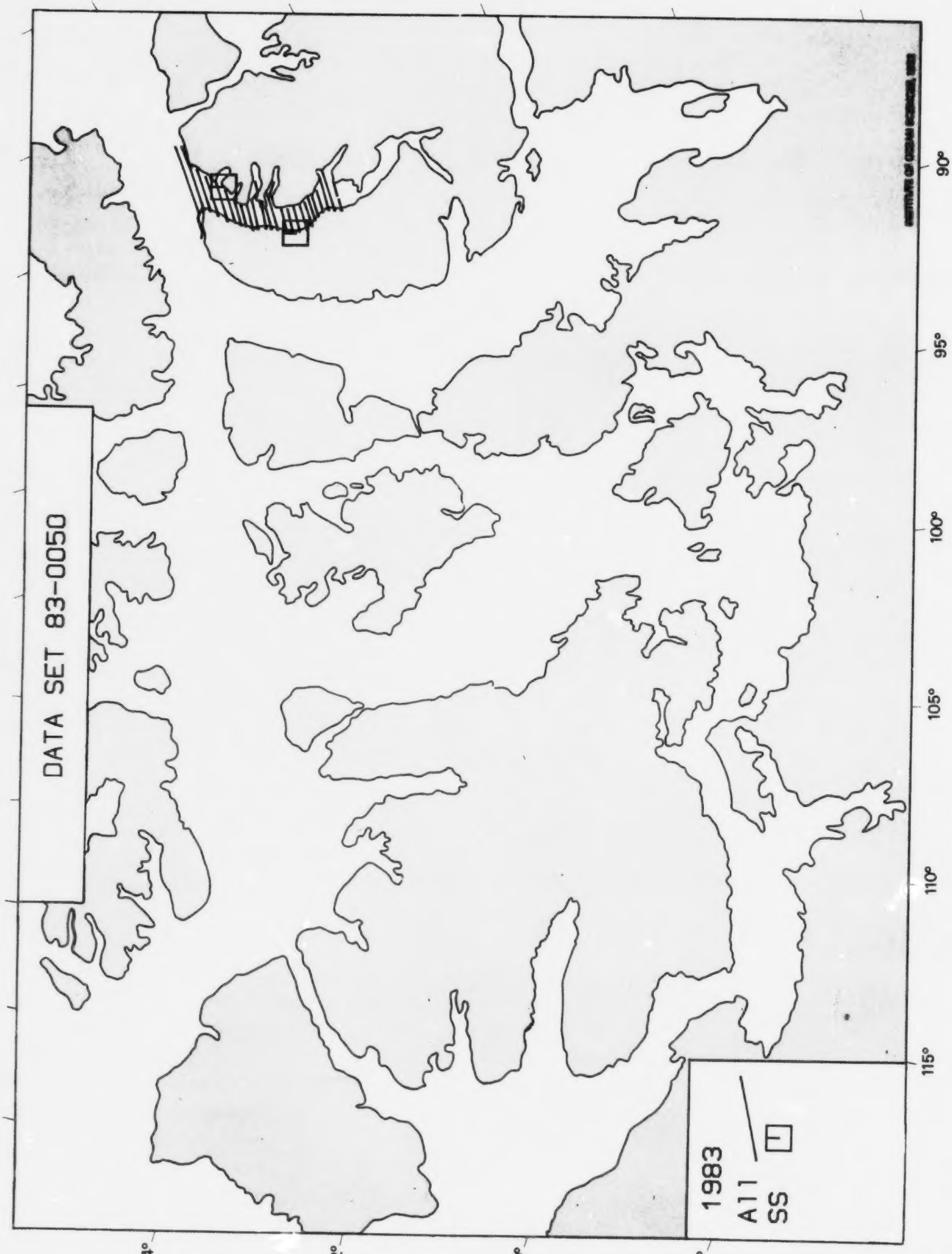
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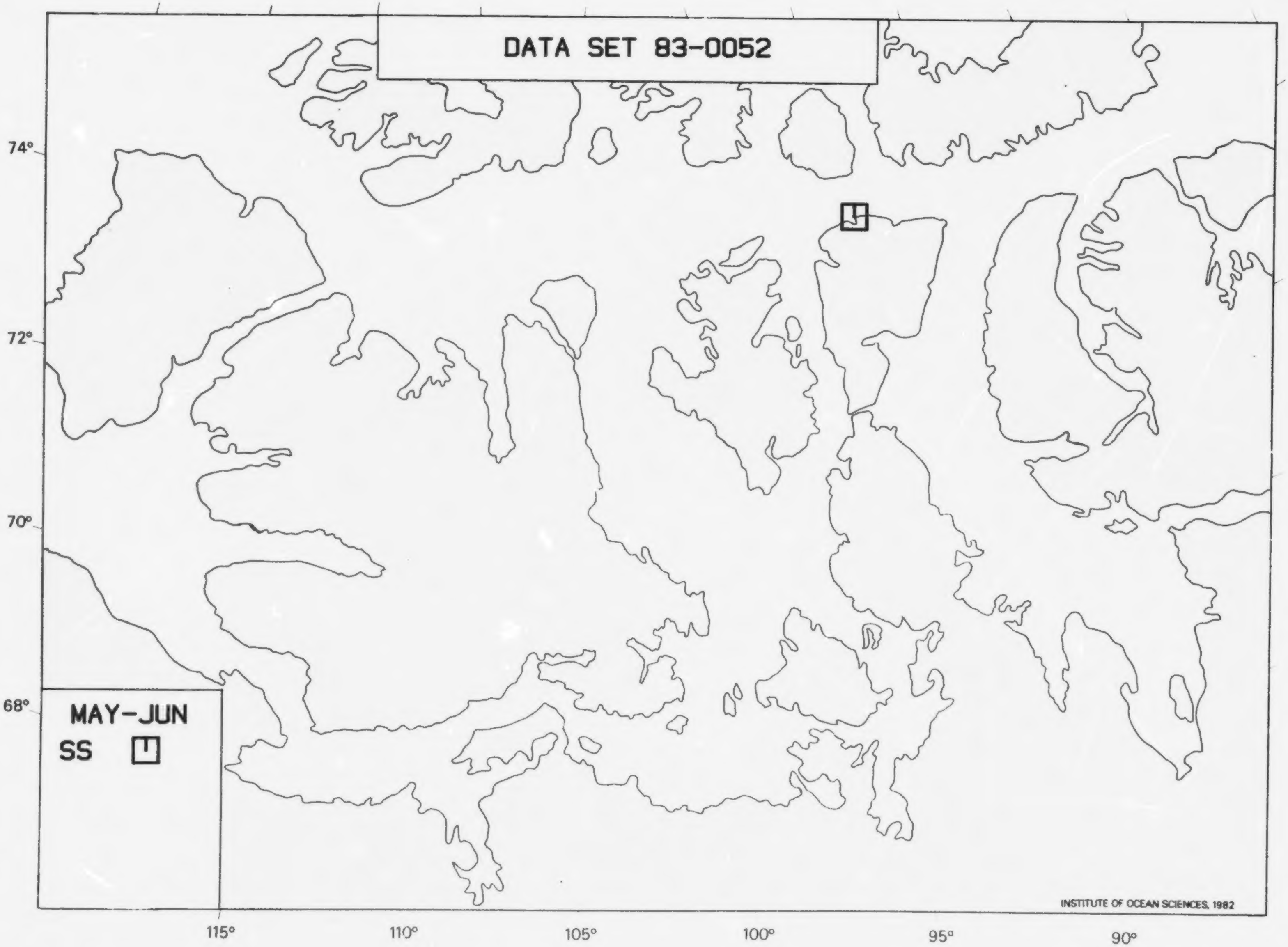
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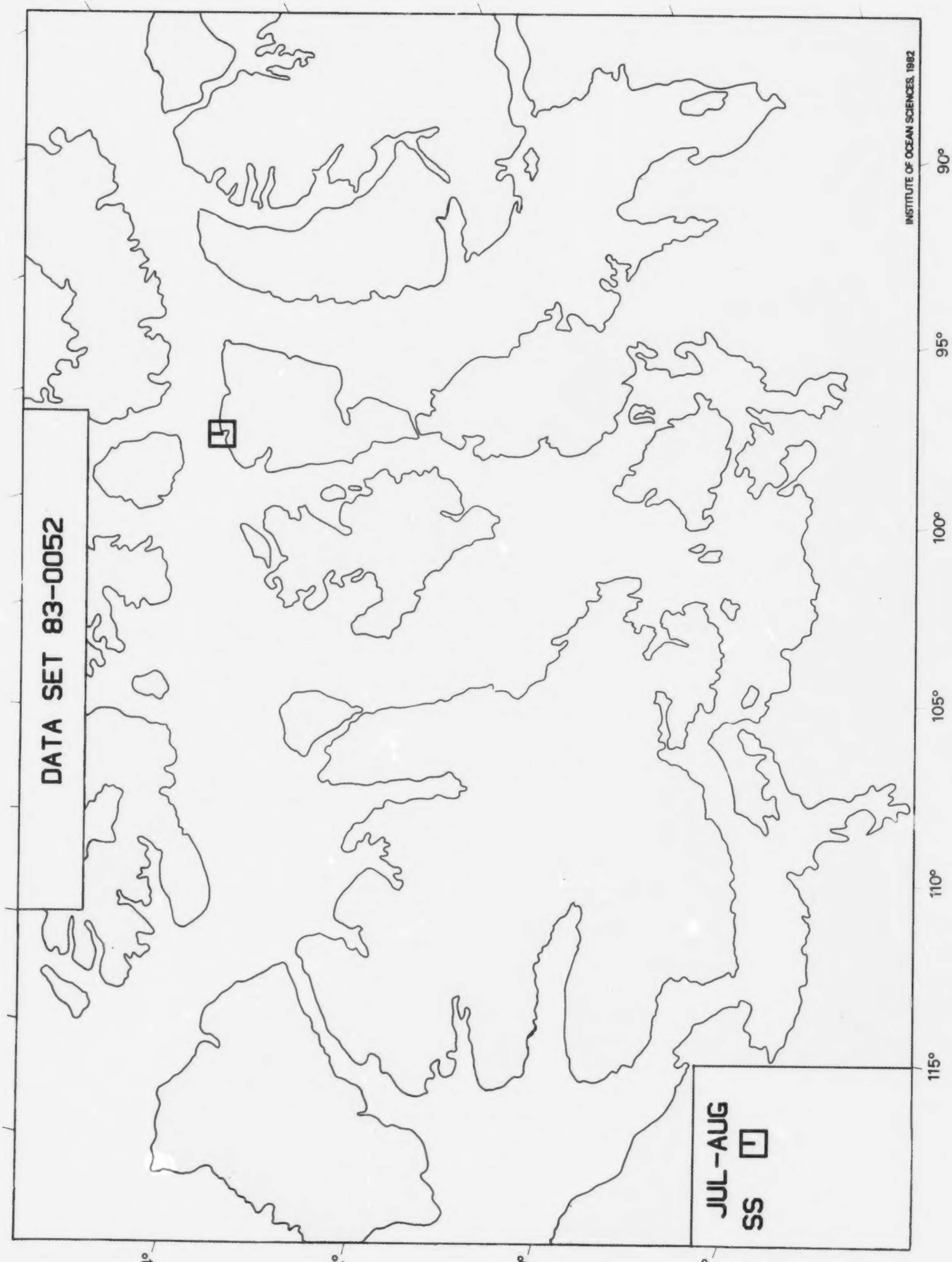
INSTITUTE OF OCEAN SCIENCES, 1982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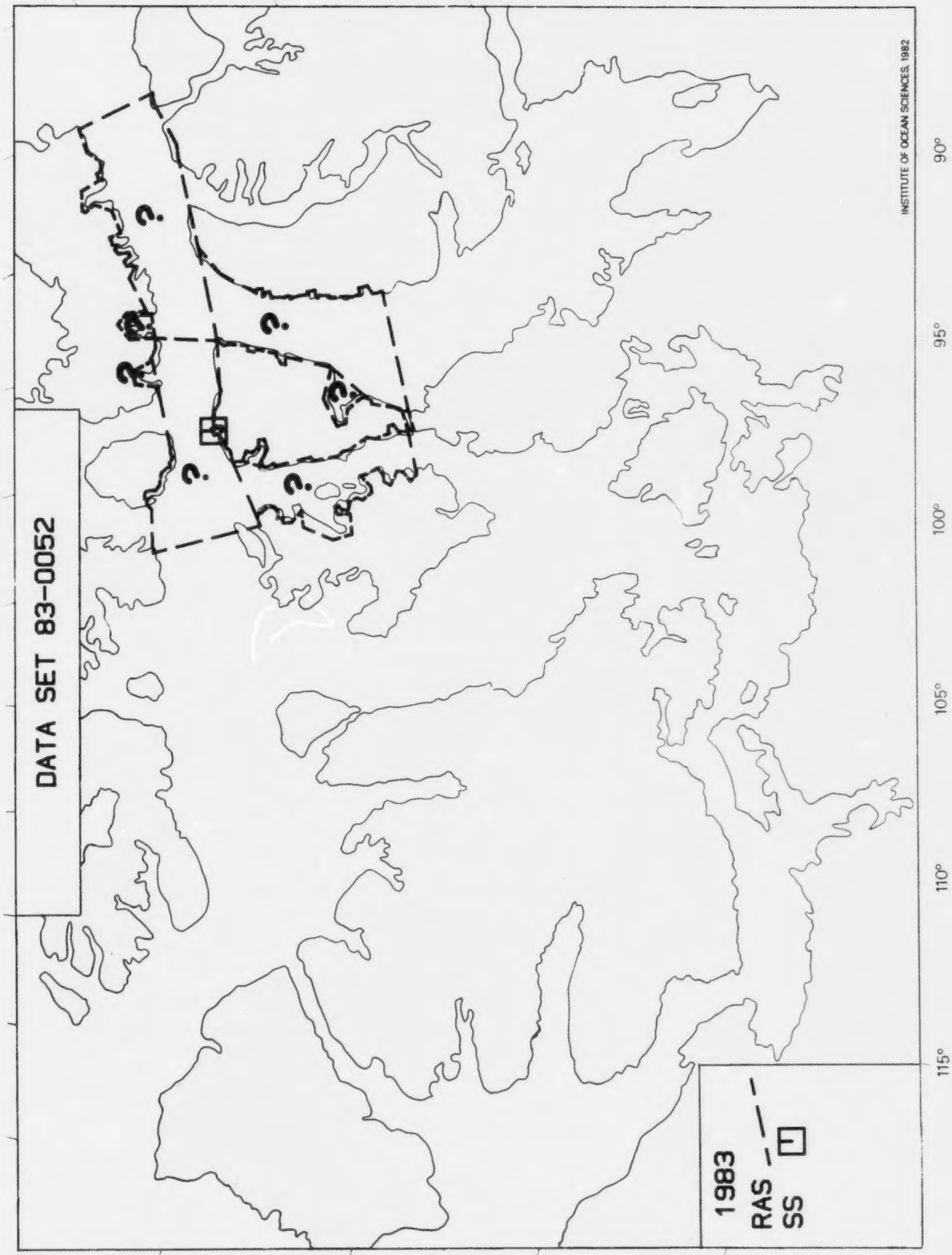
INSTITUTE OF OCEAN SCIENCES, 1982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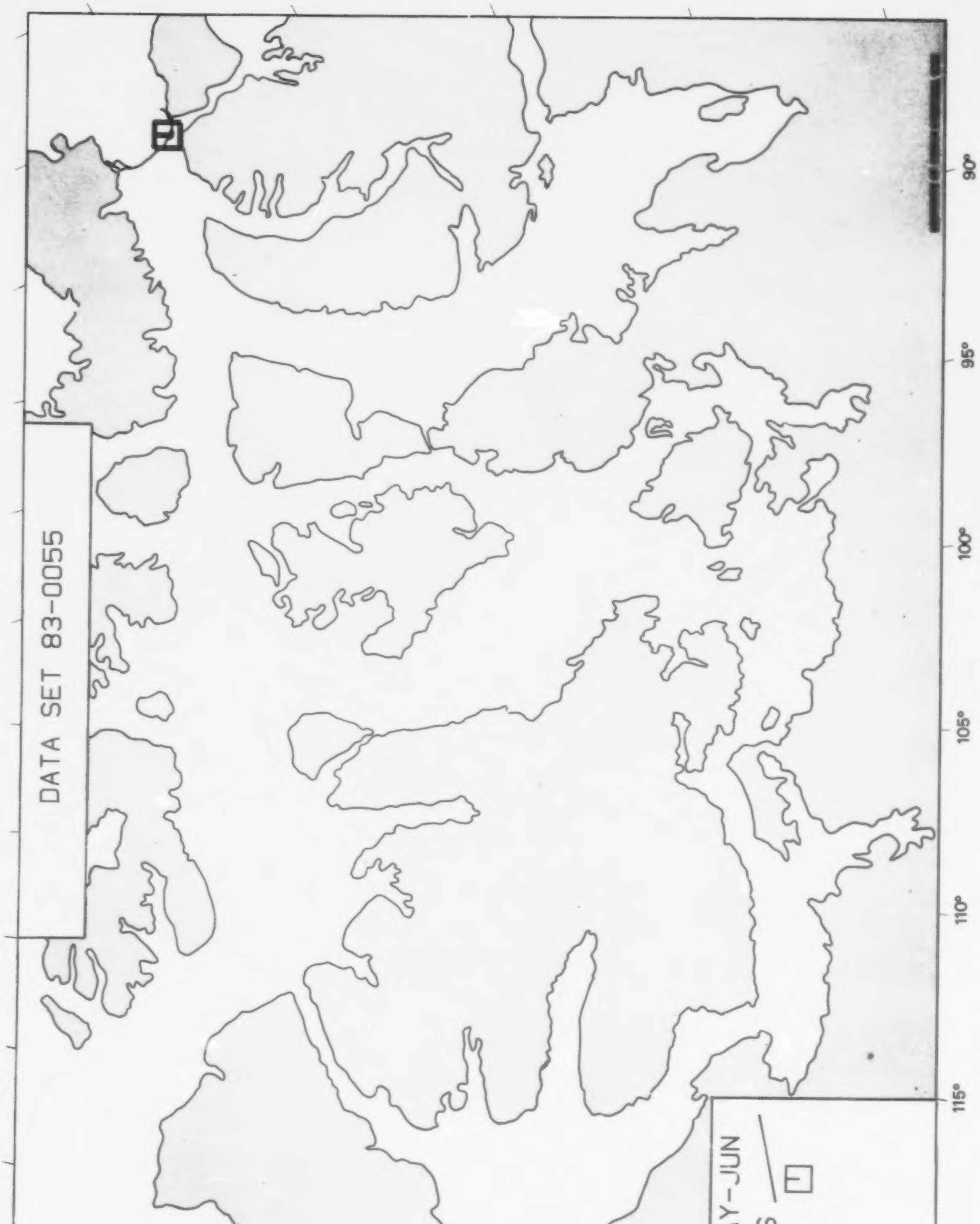
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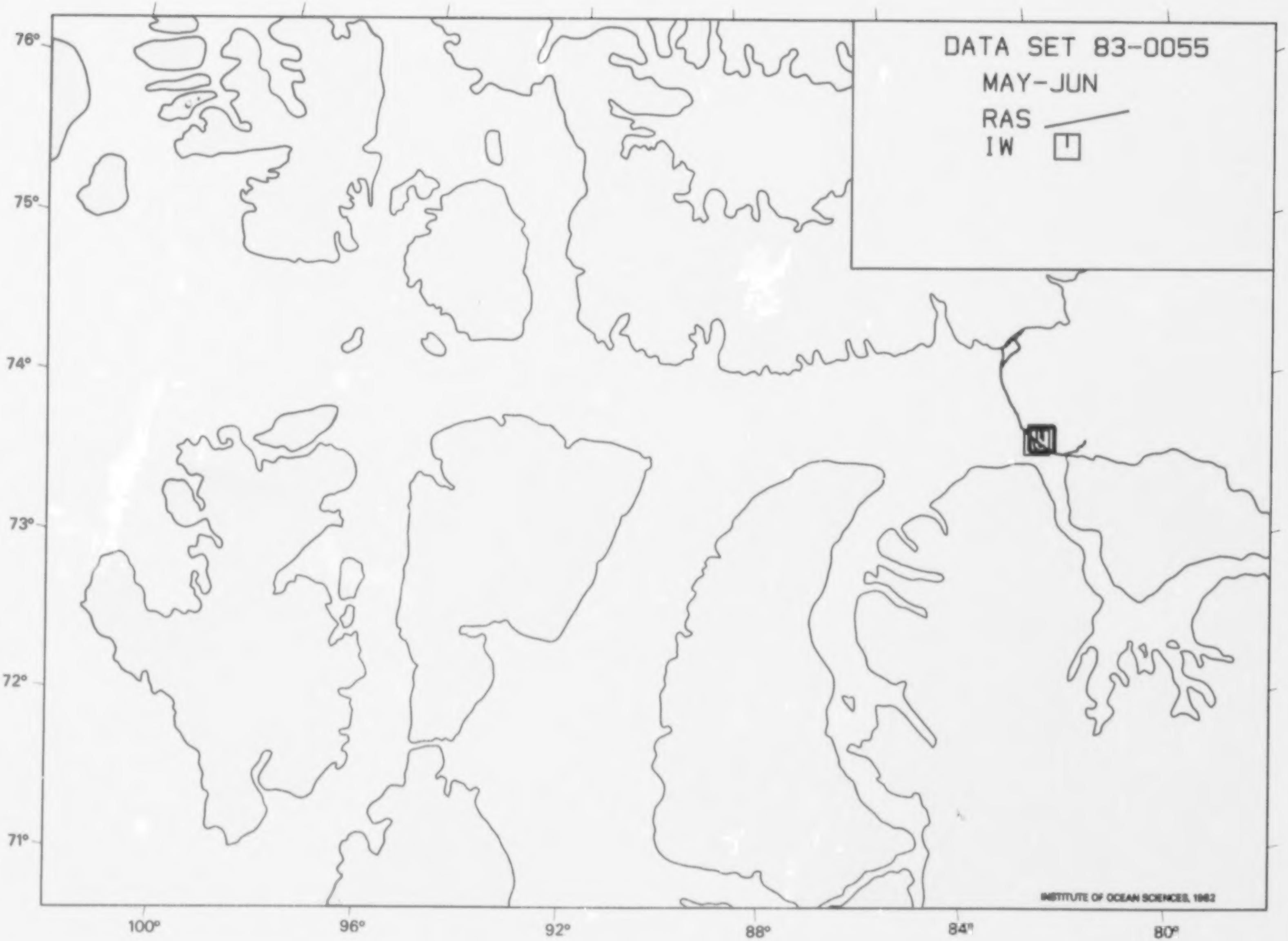
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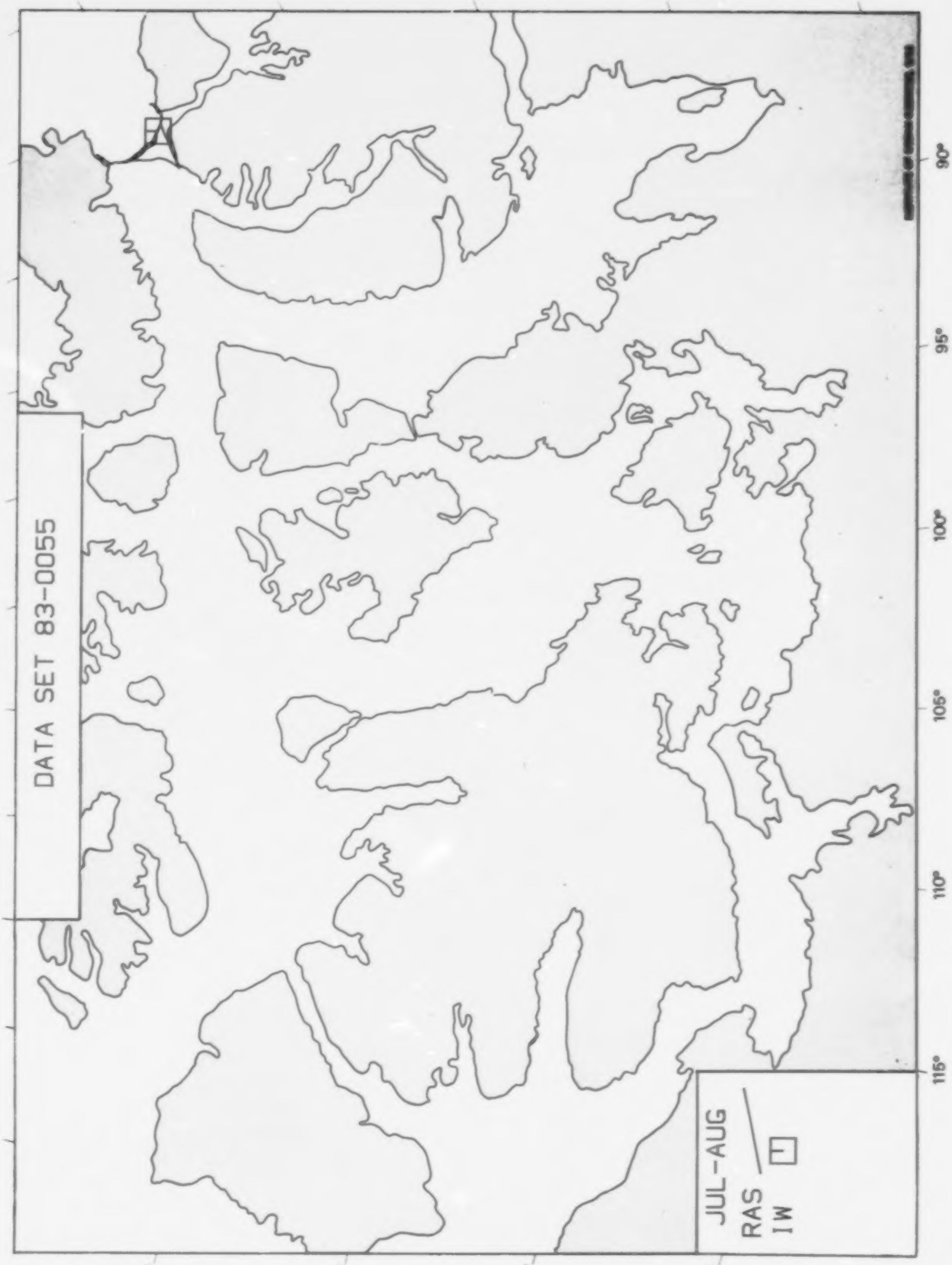
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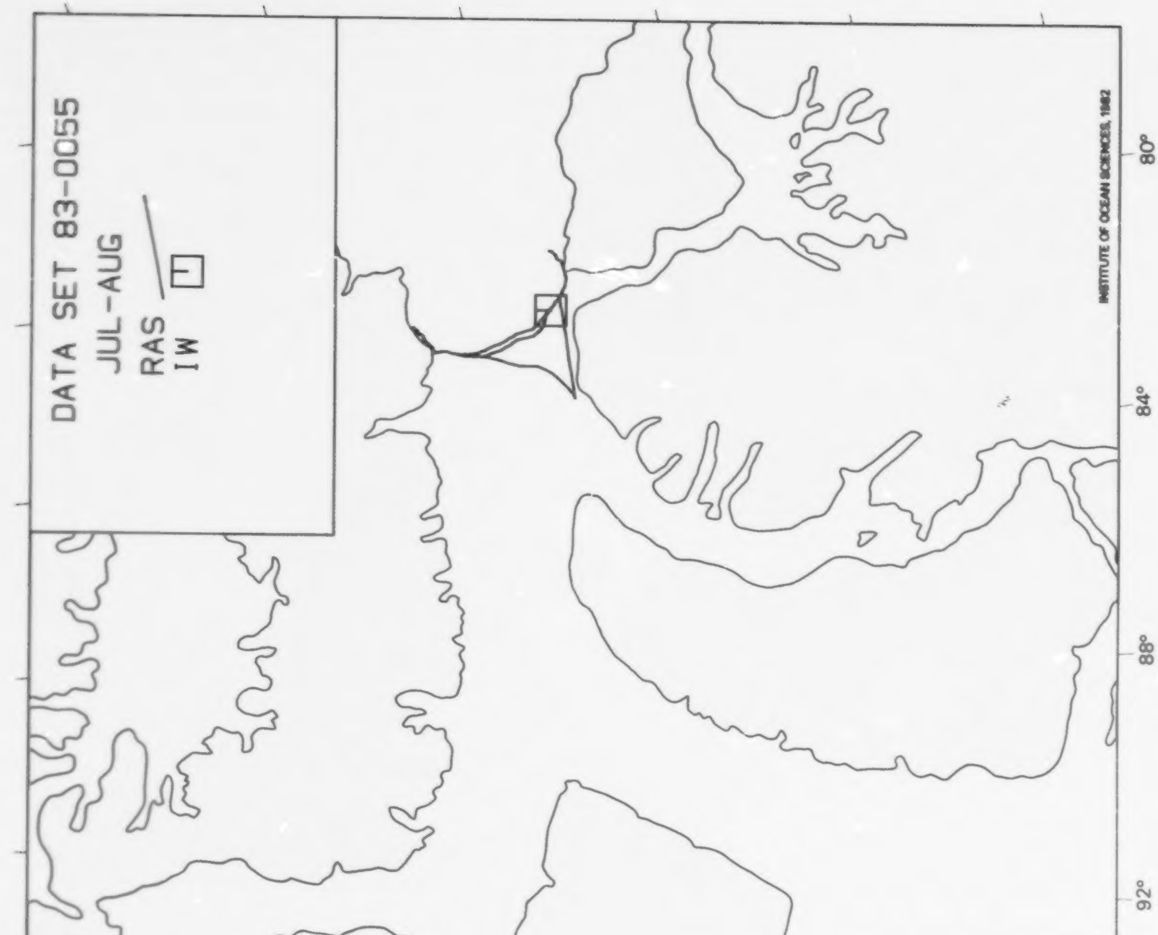
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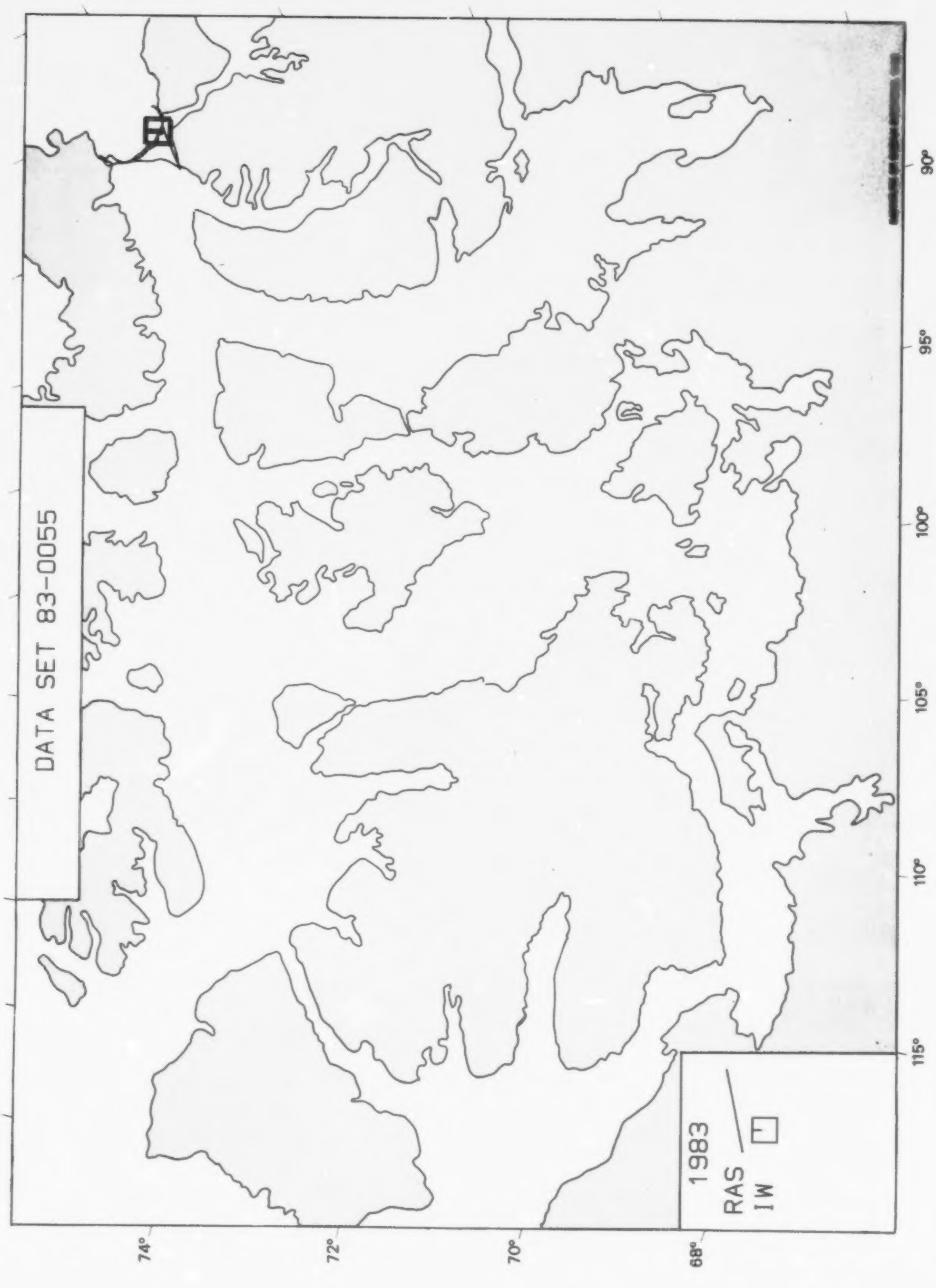
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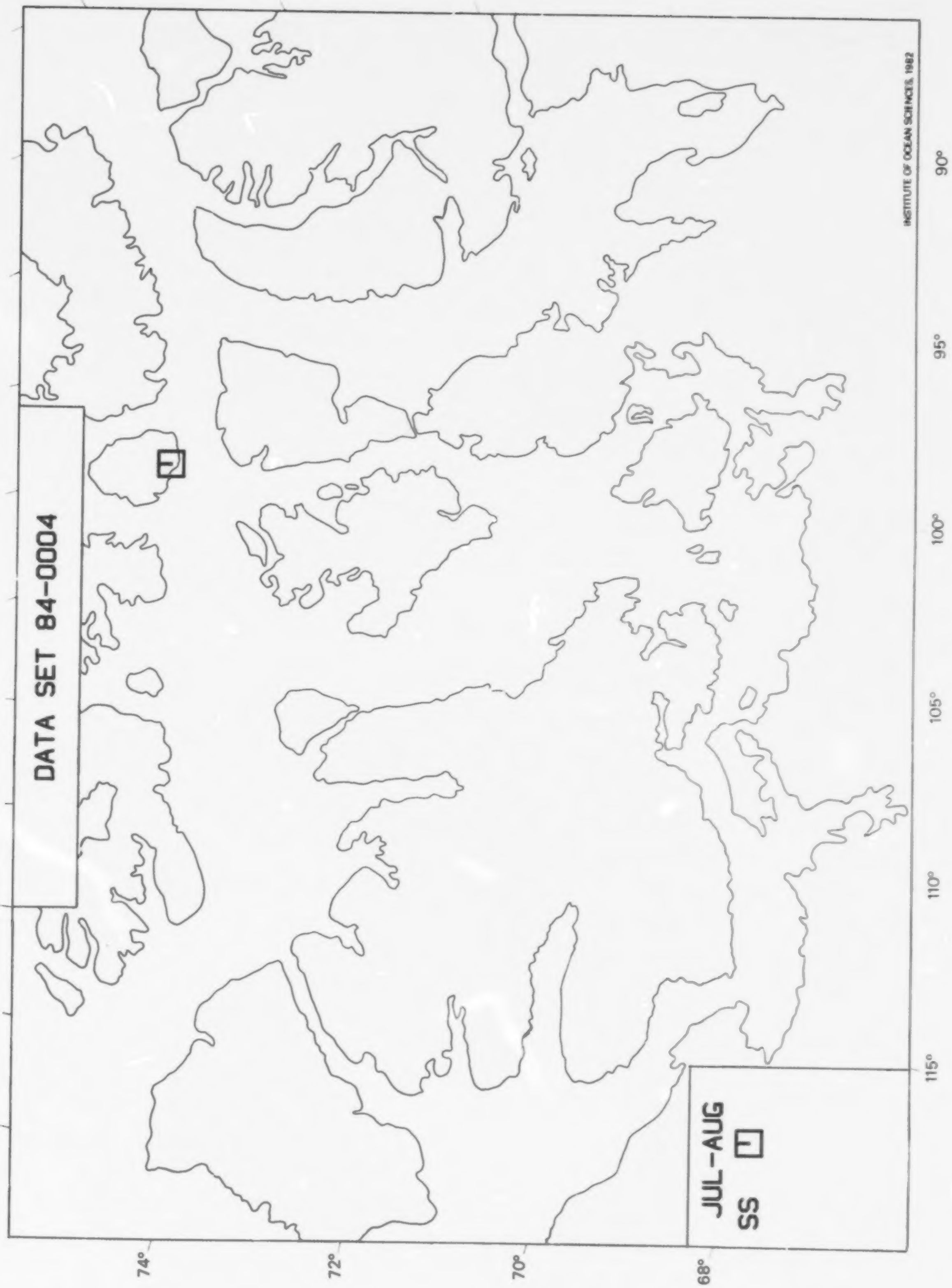
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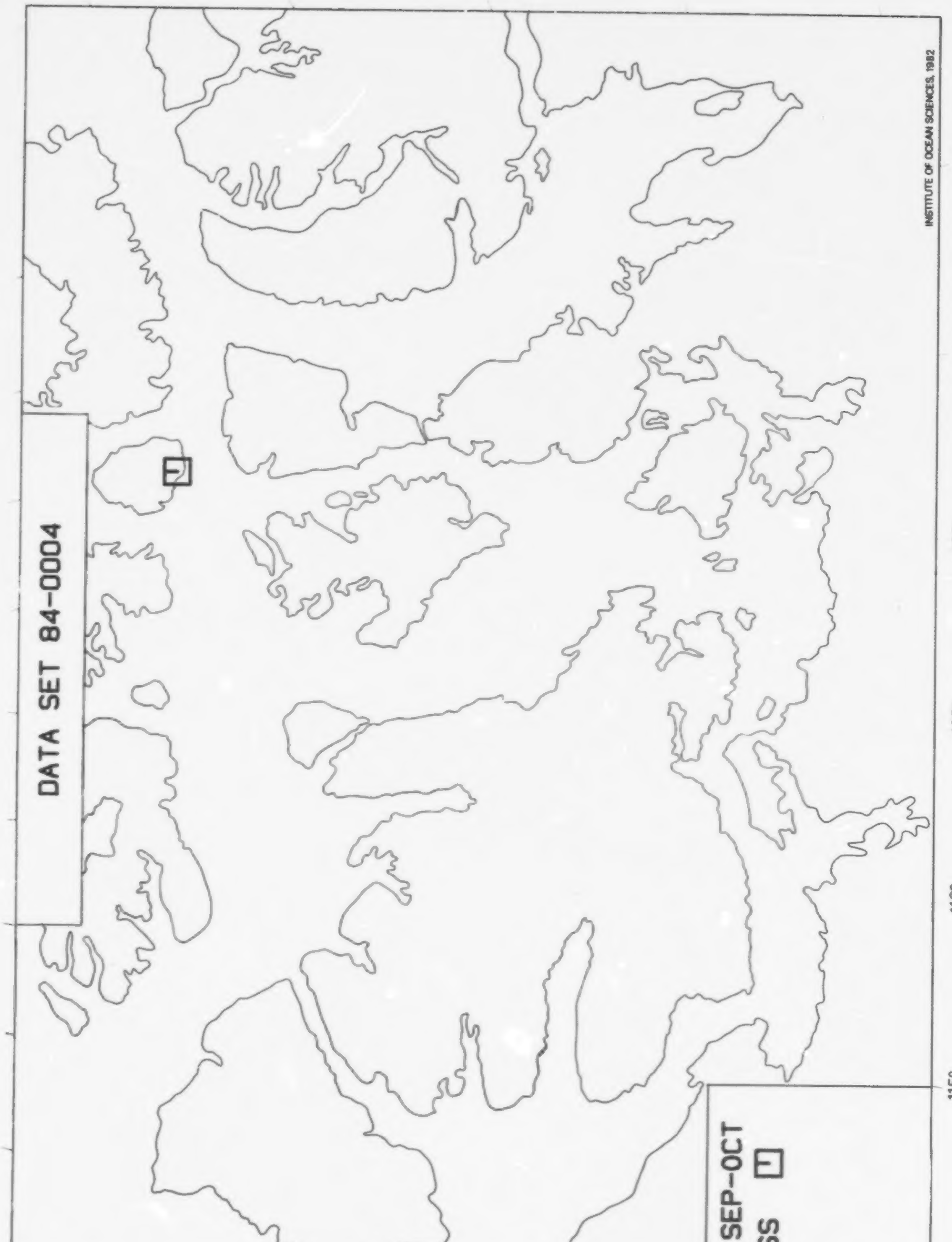
INSTITUTE OF OCEAN SCIENCES 1982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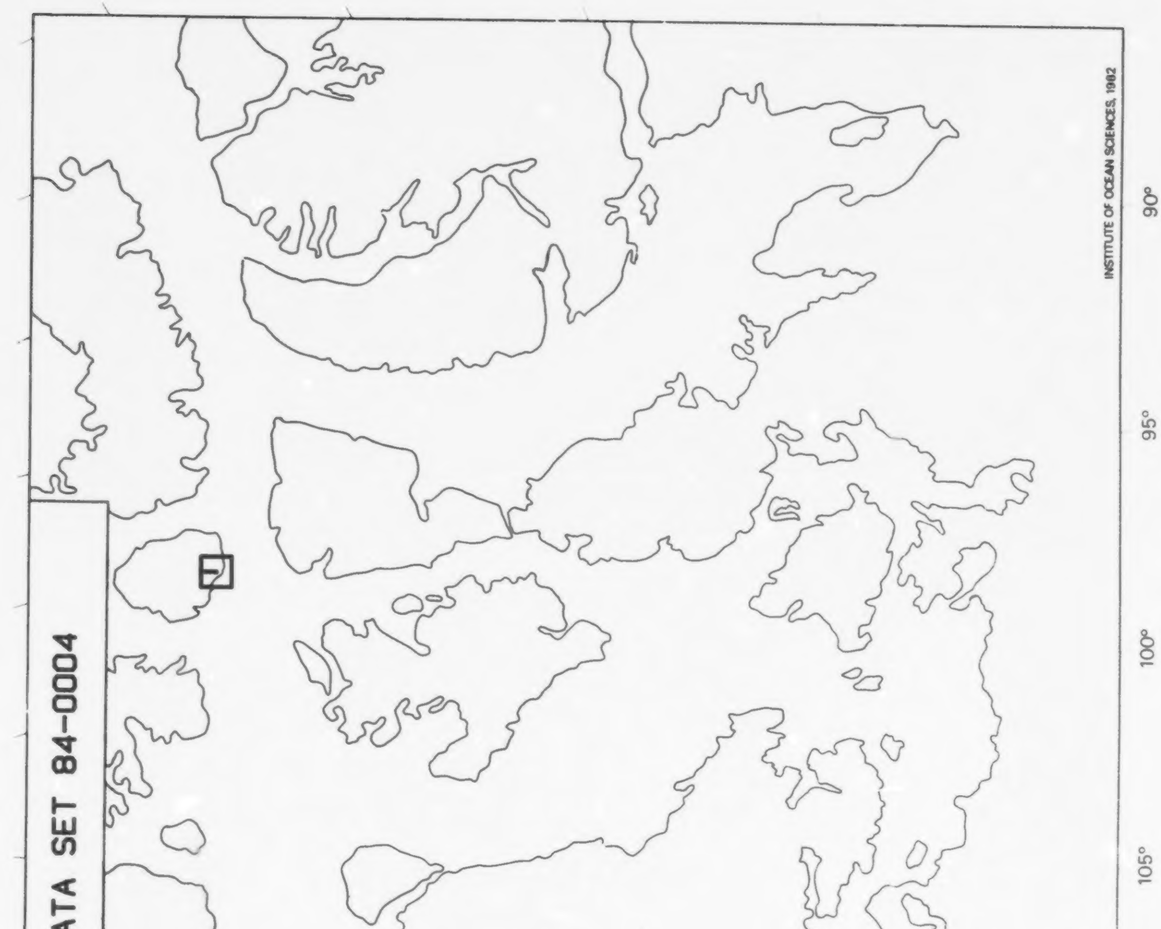
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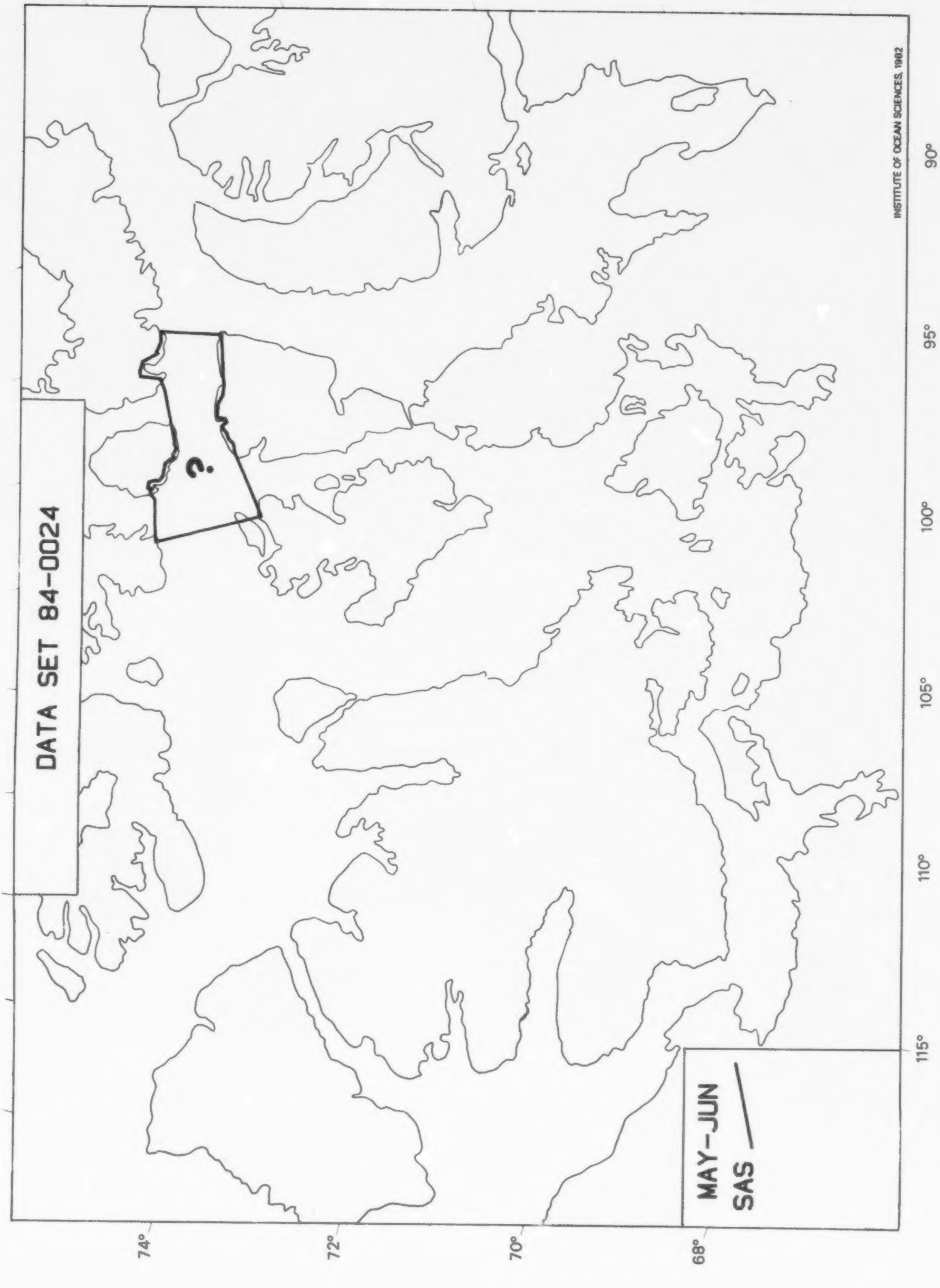
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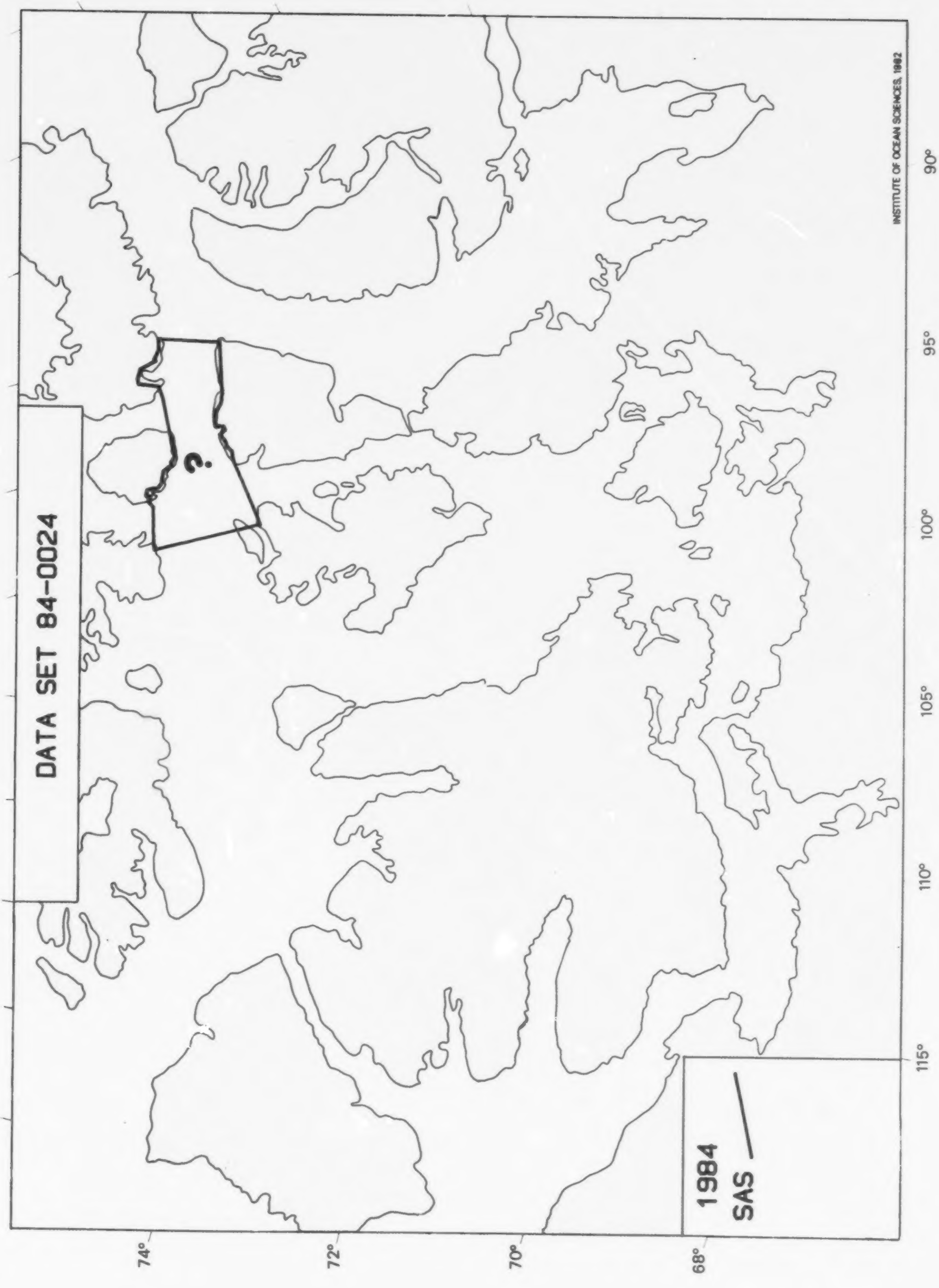
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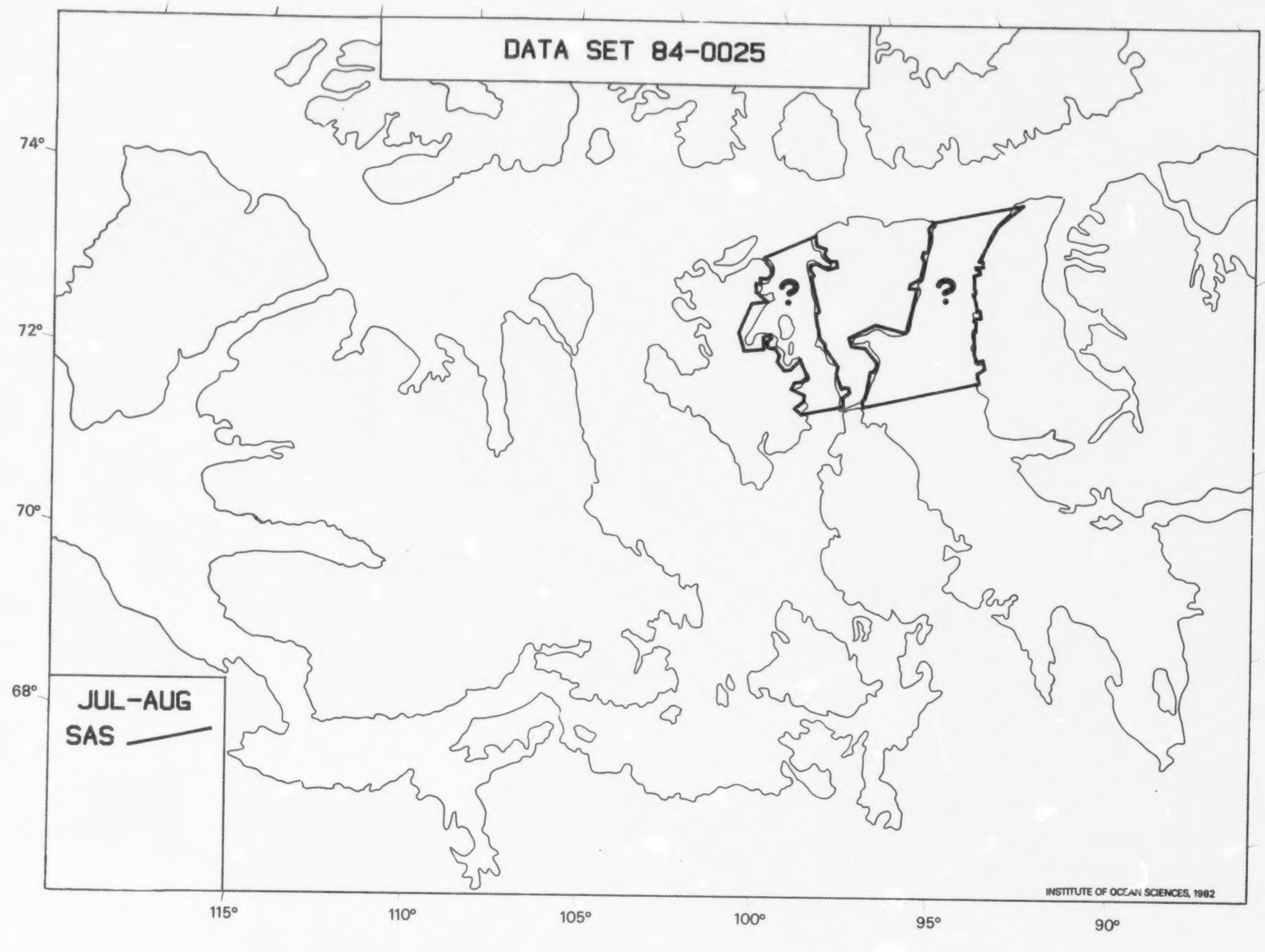
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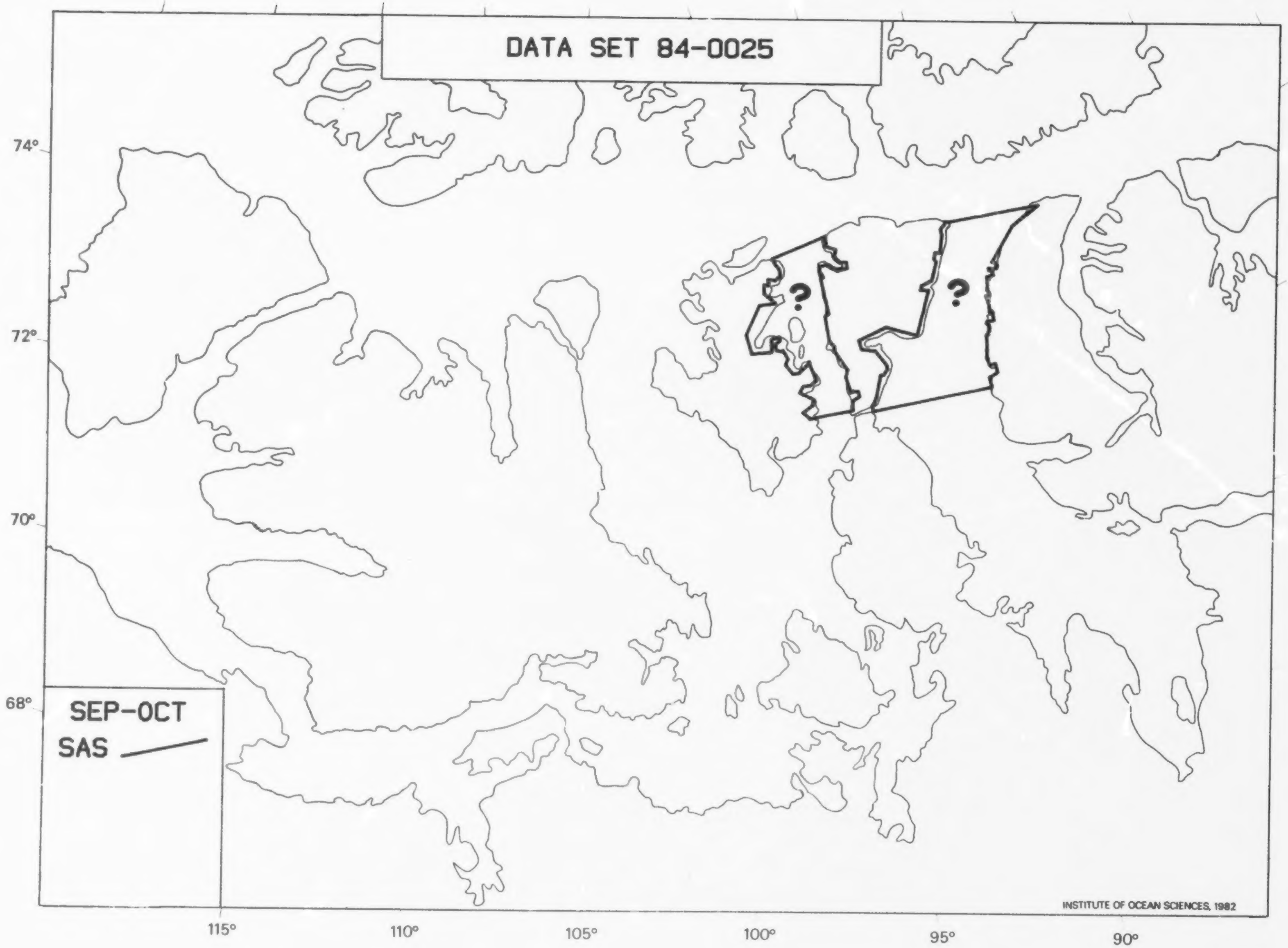
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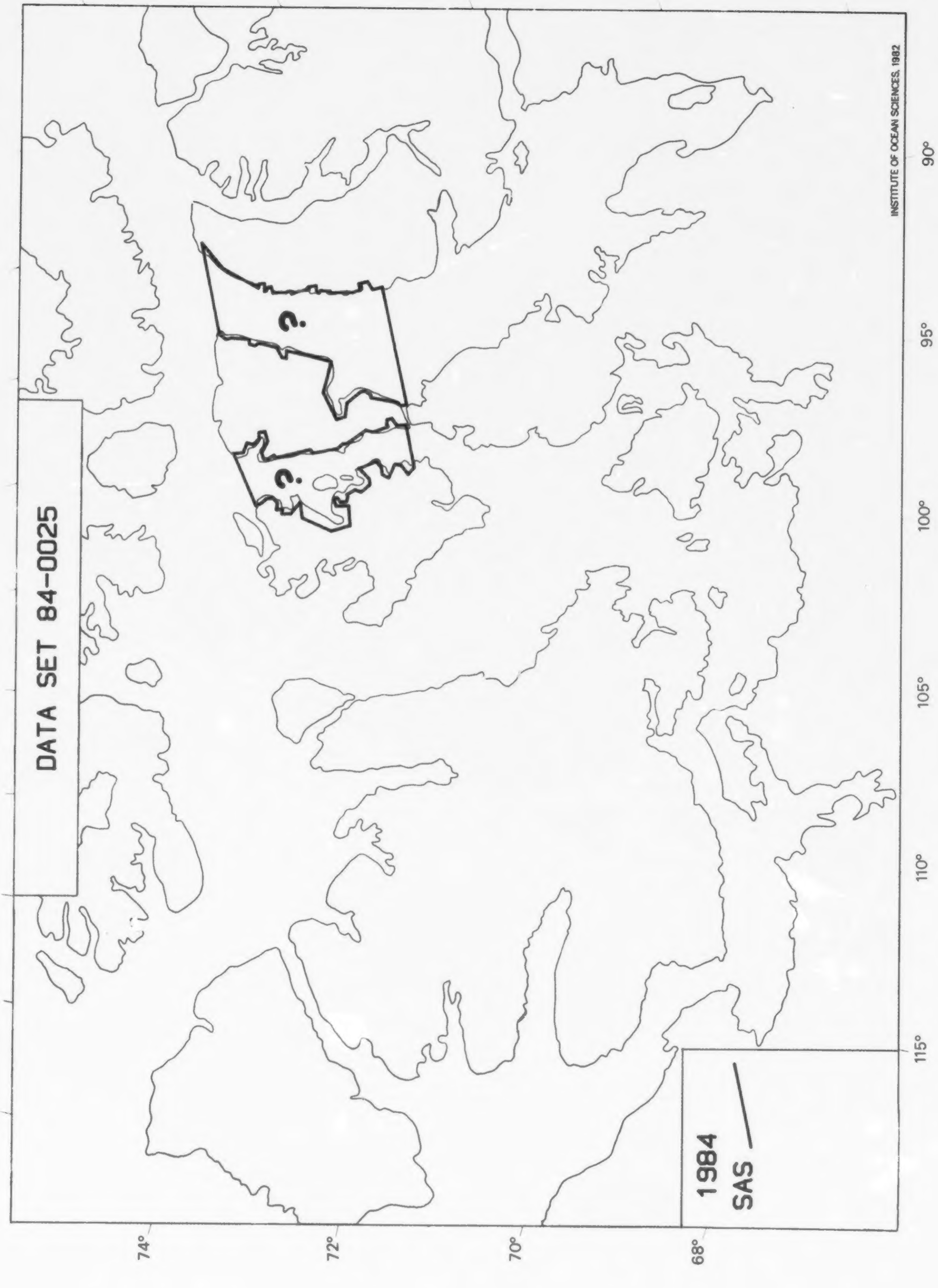
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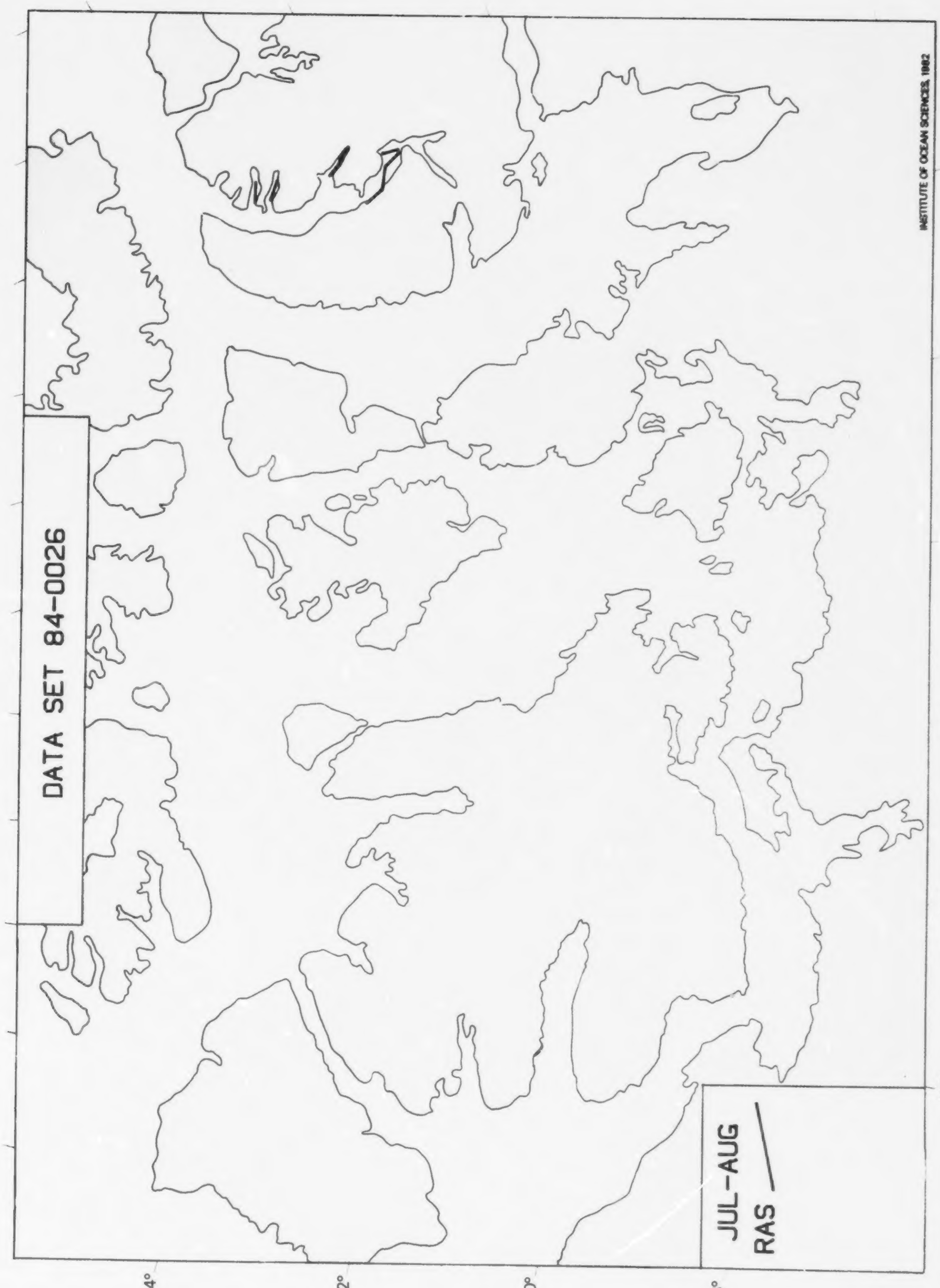
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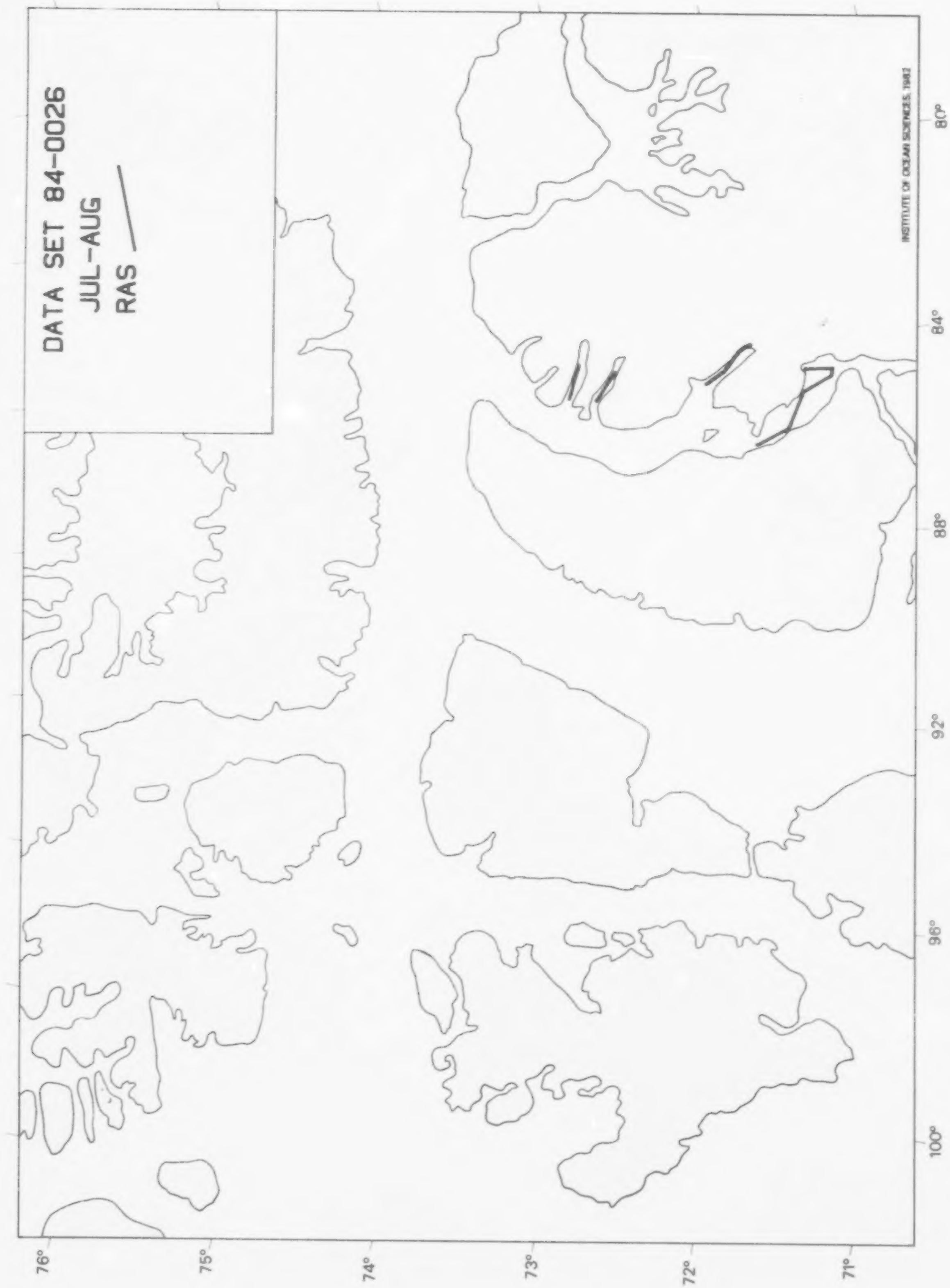
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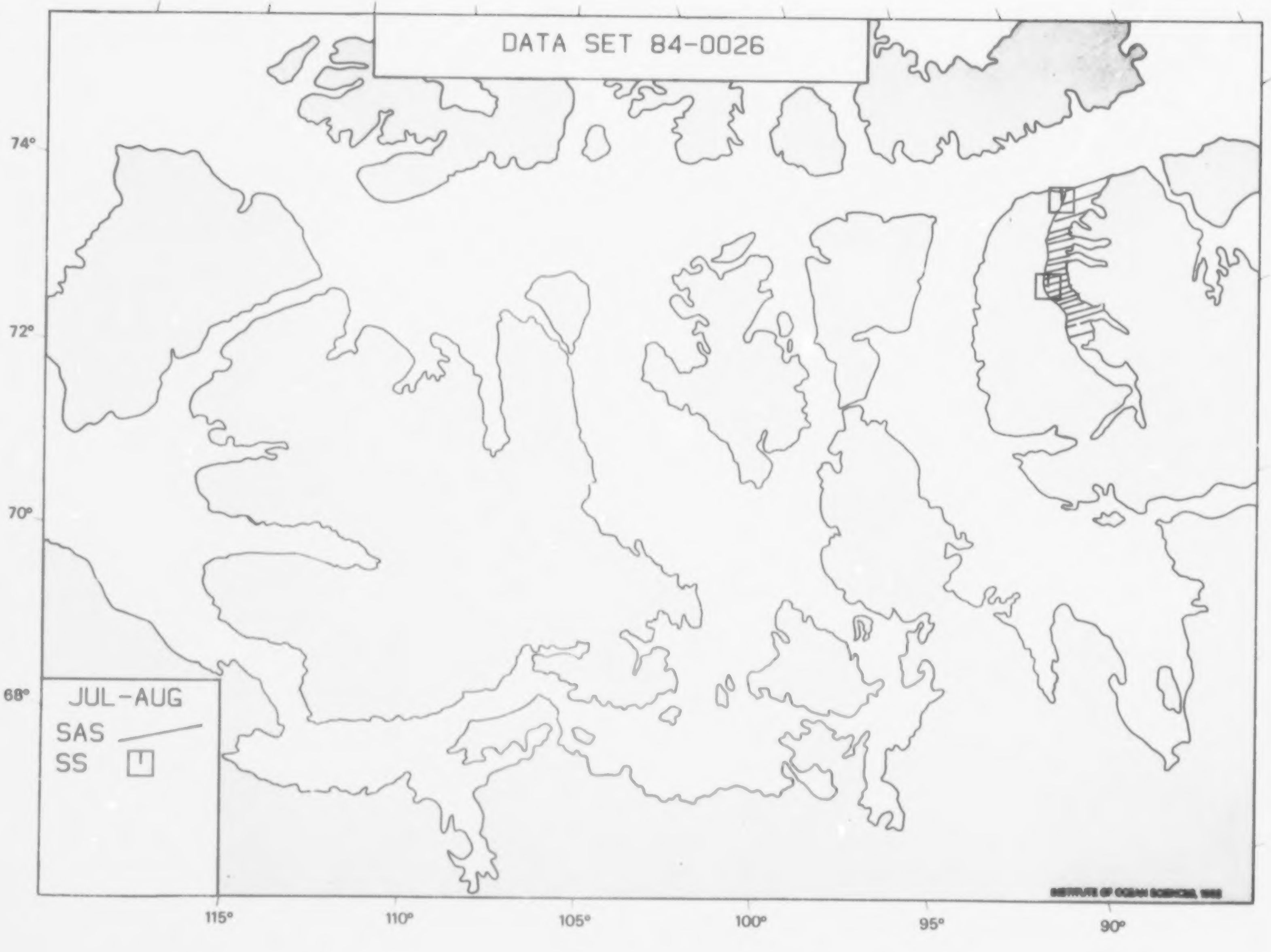
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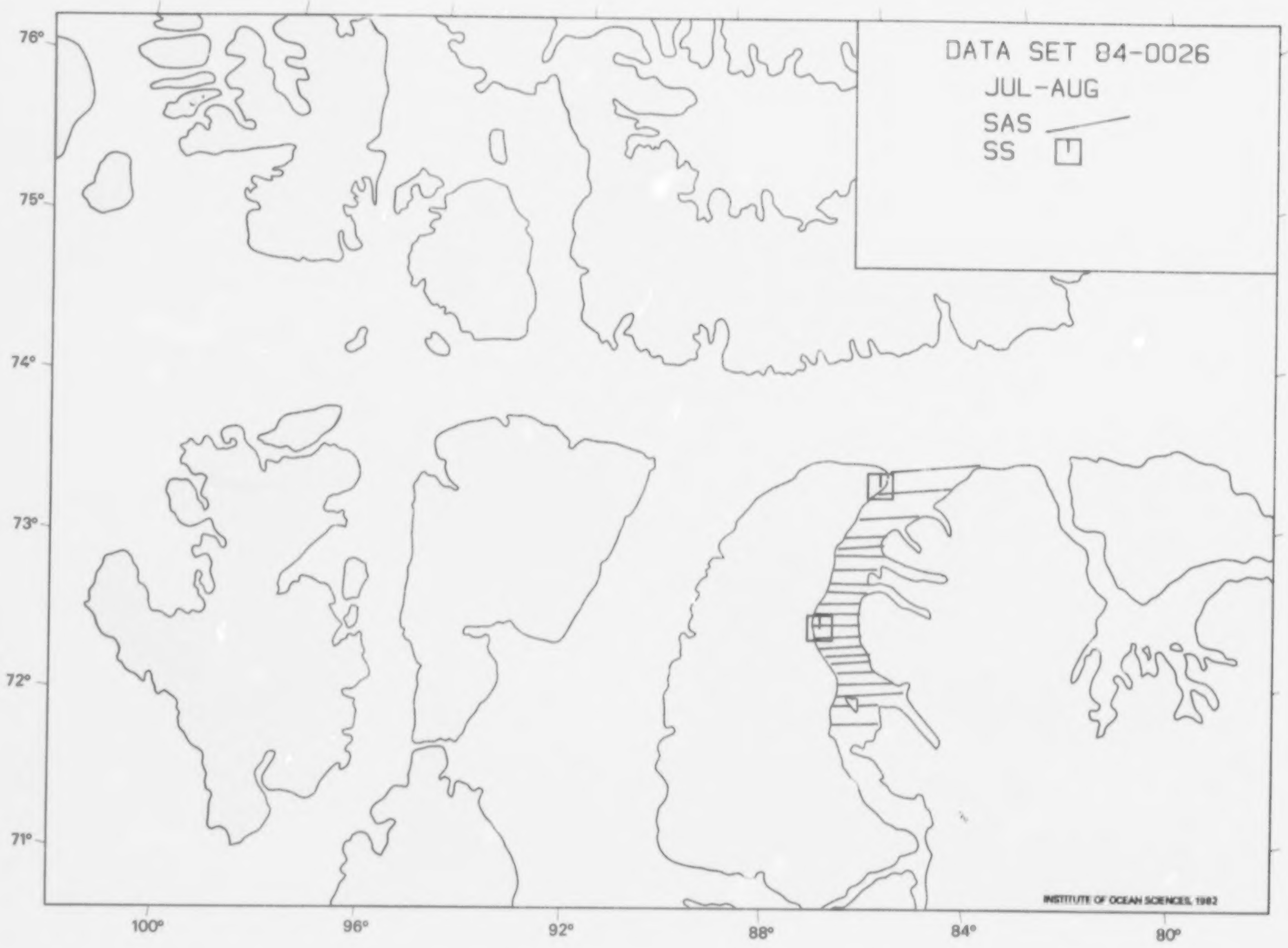
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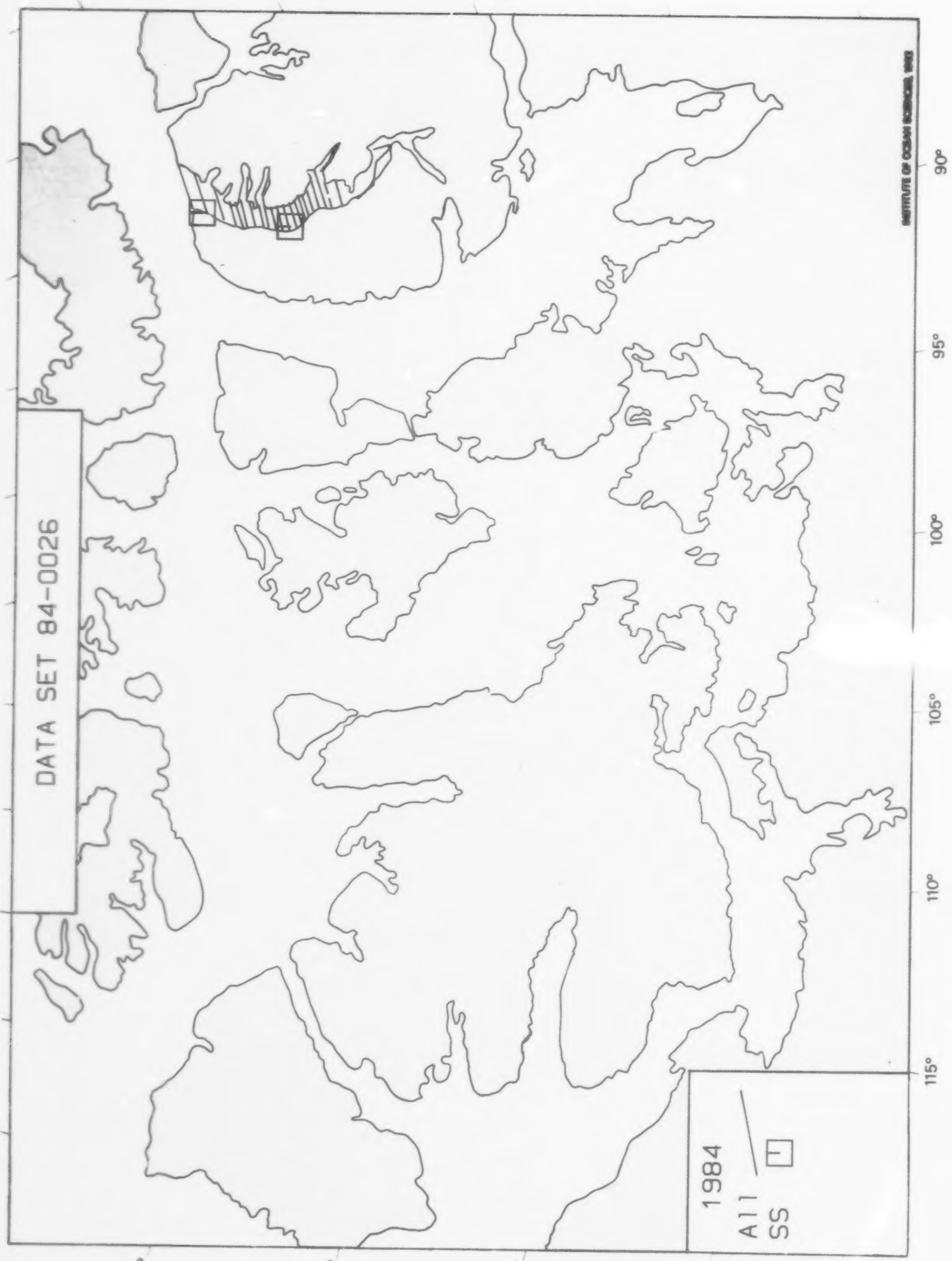
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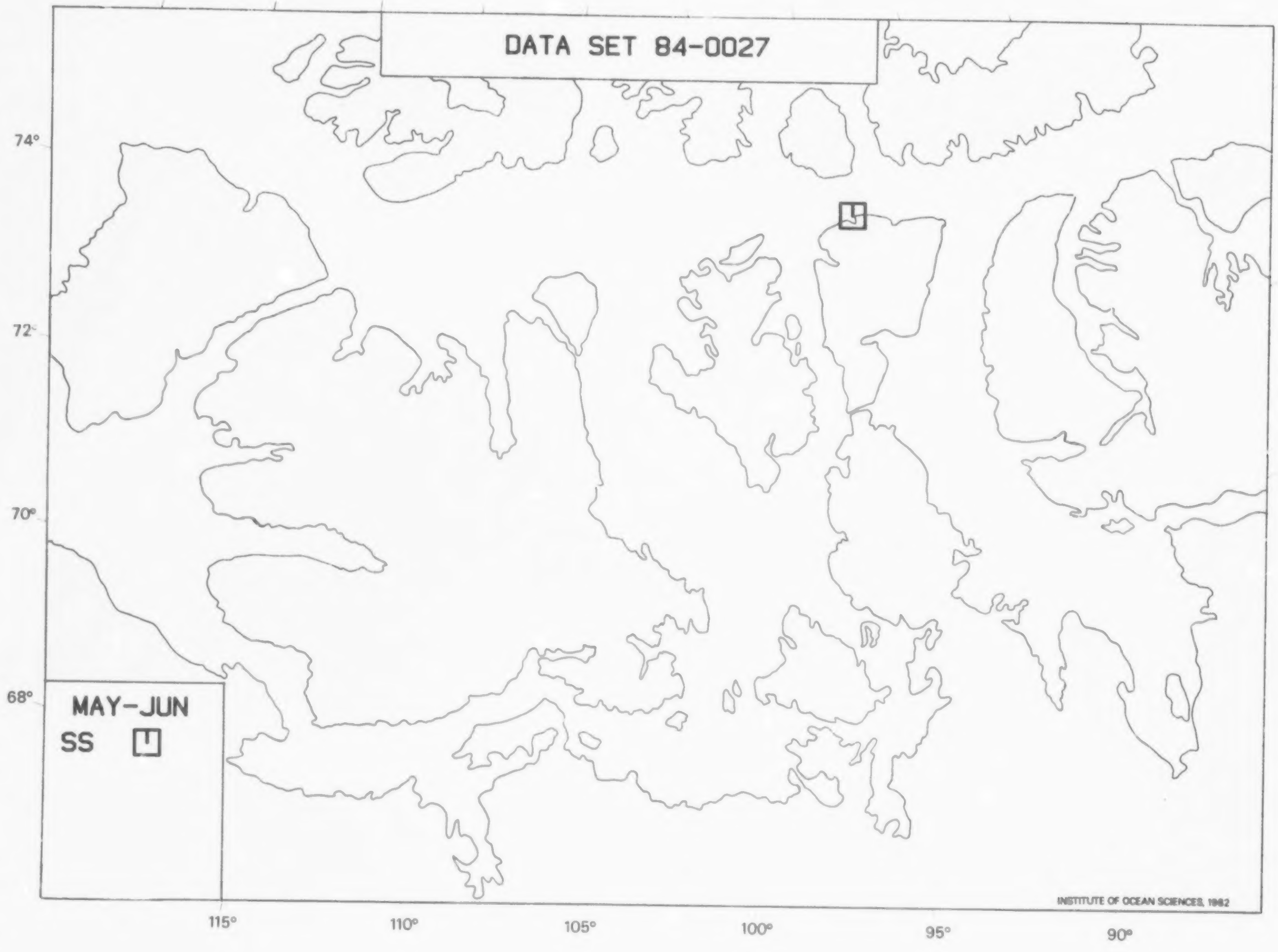
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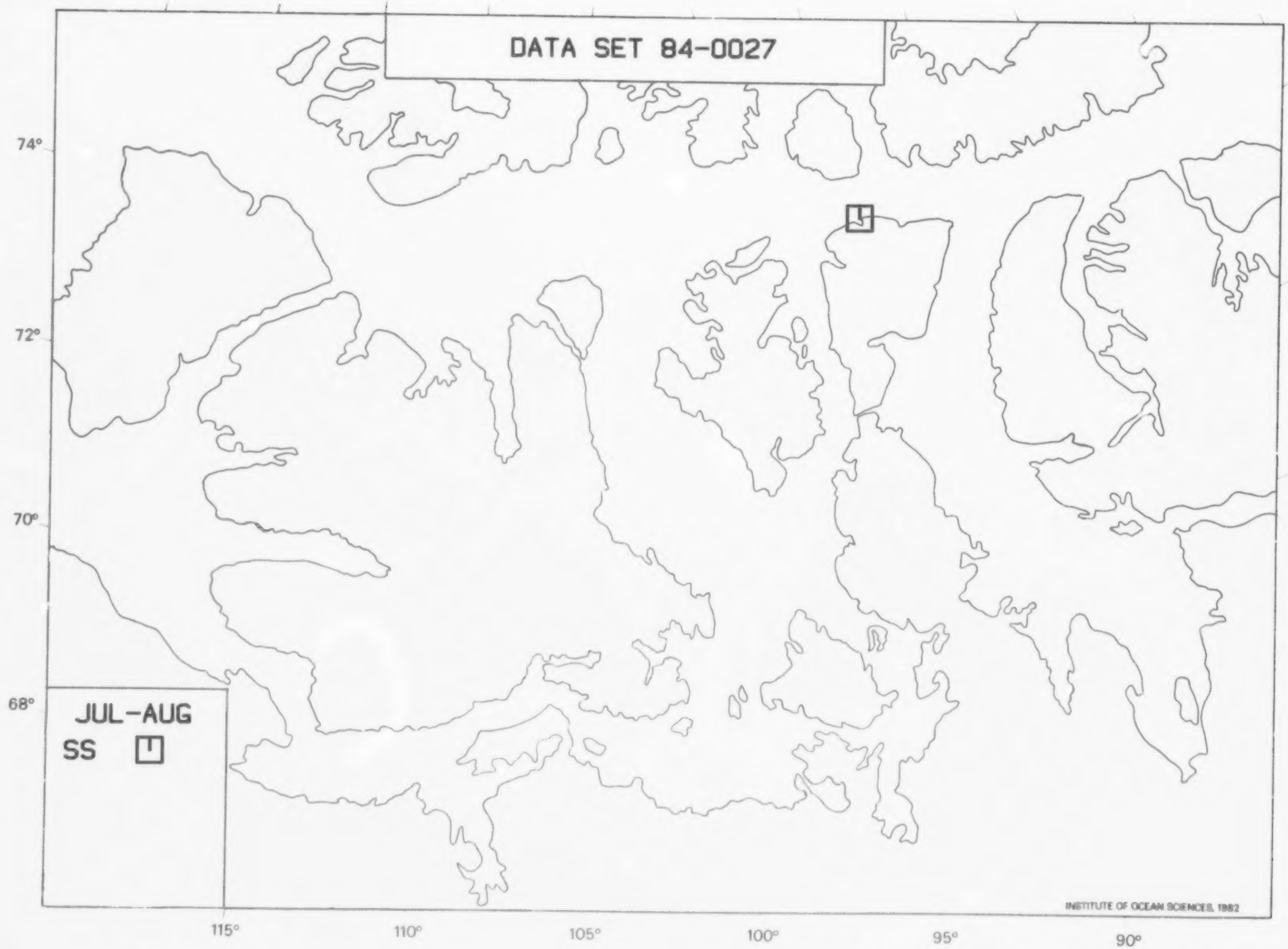
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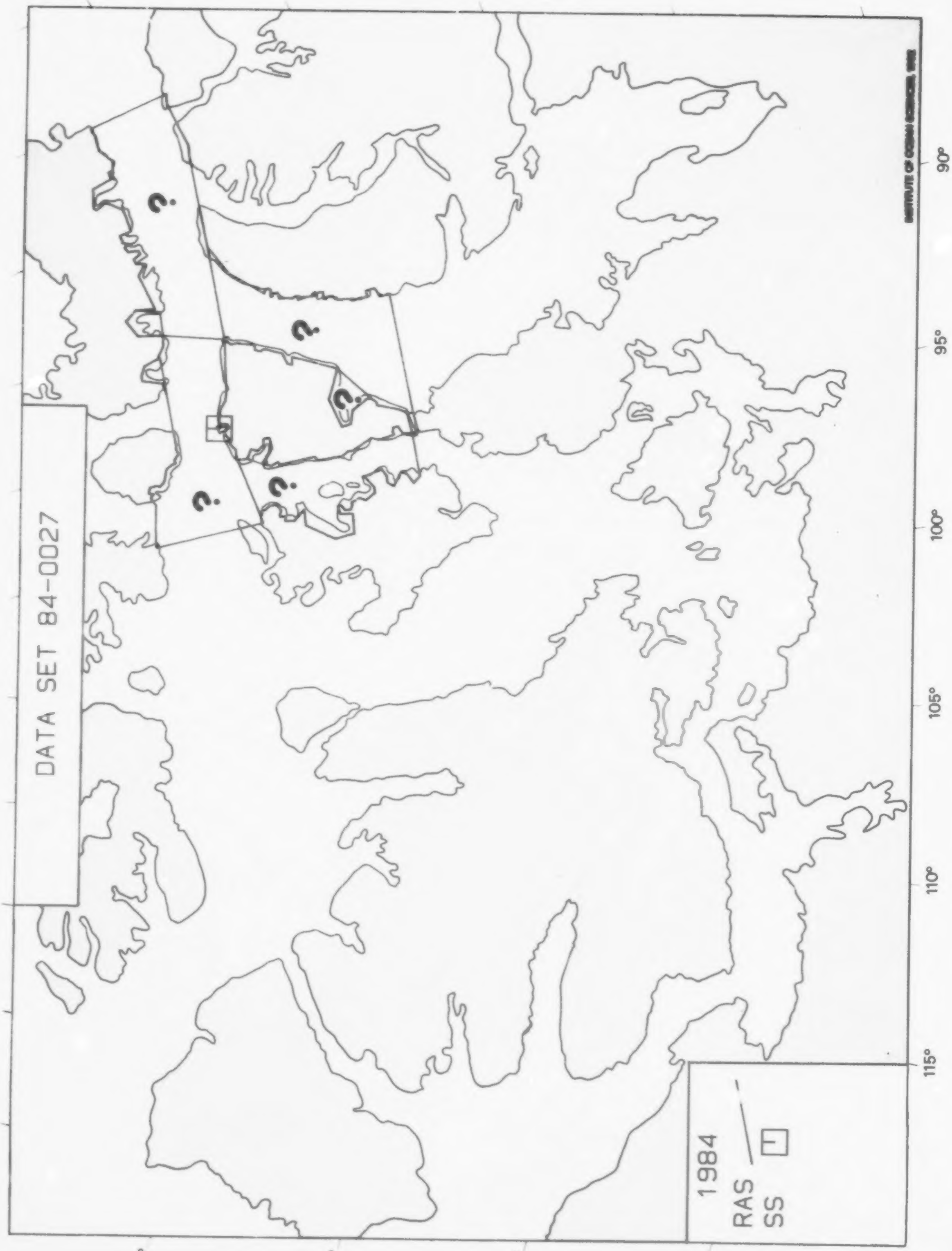
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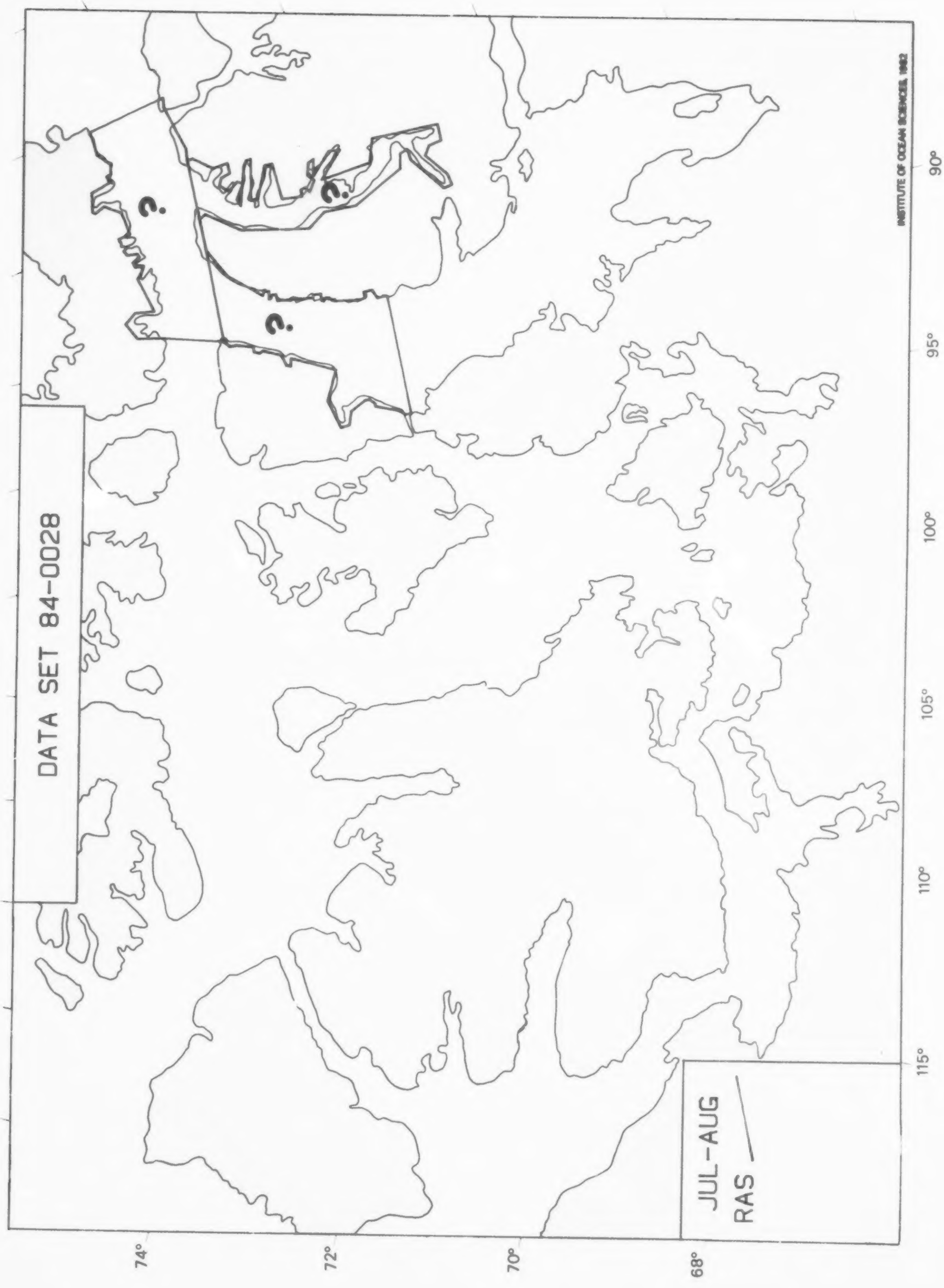
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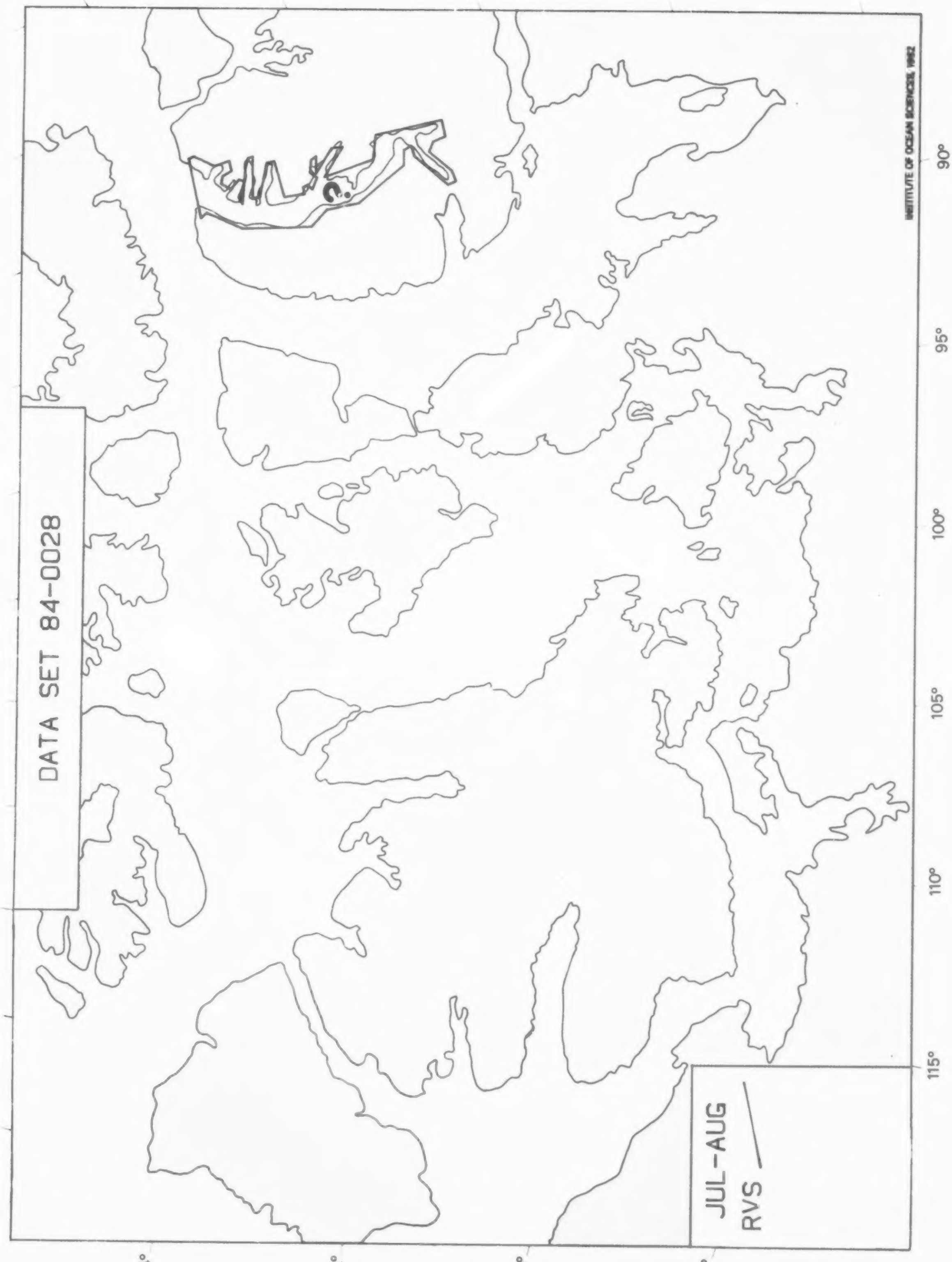
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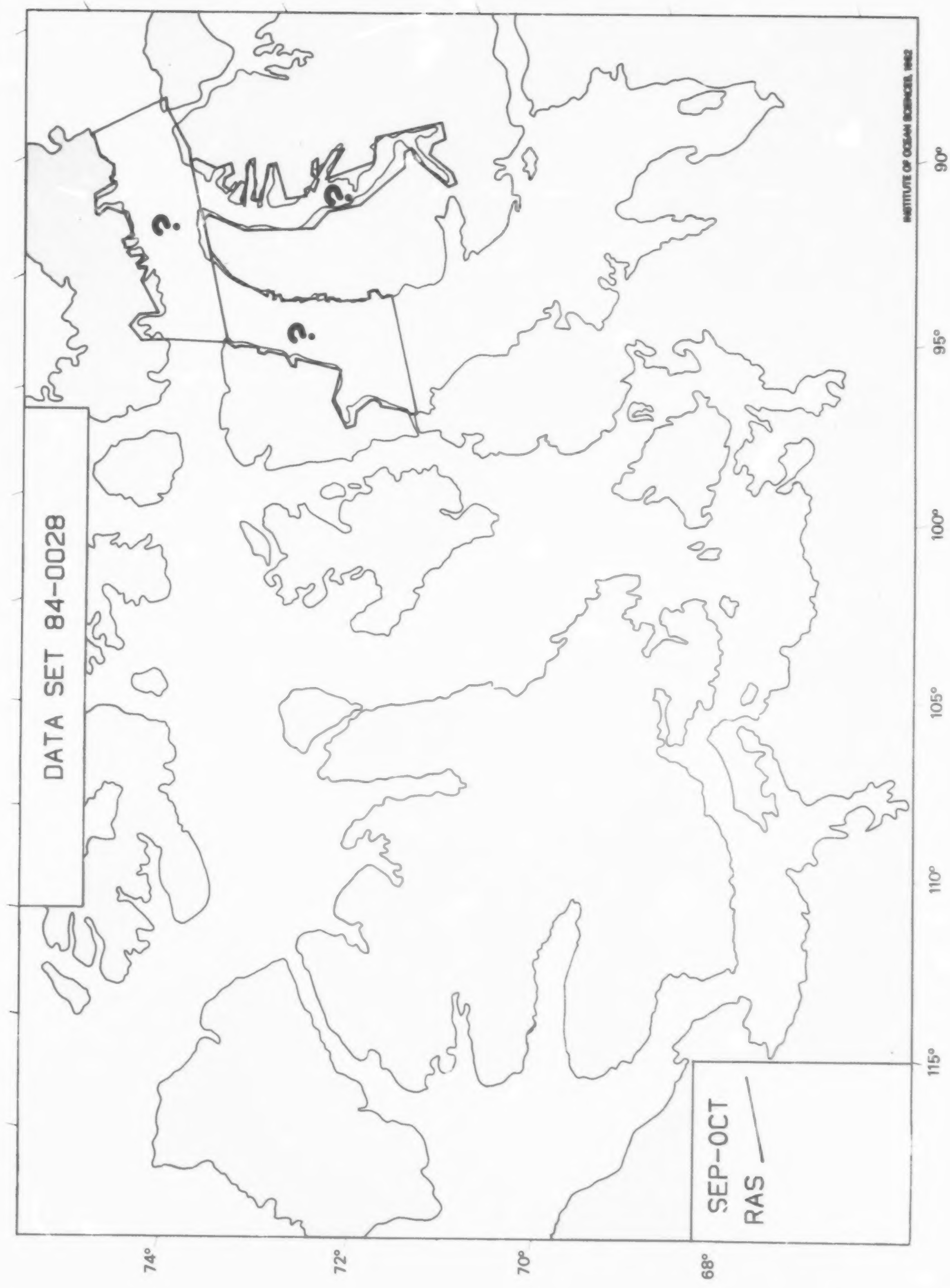
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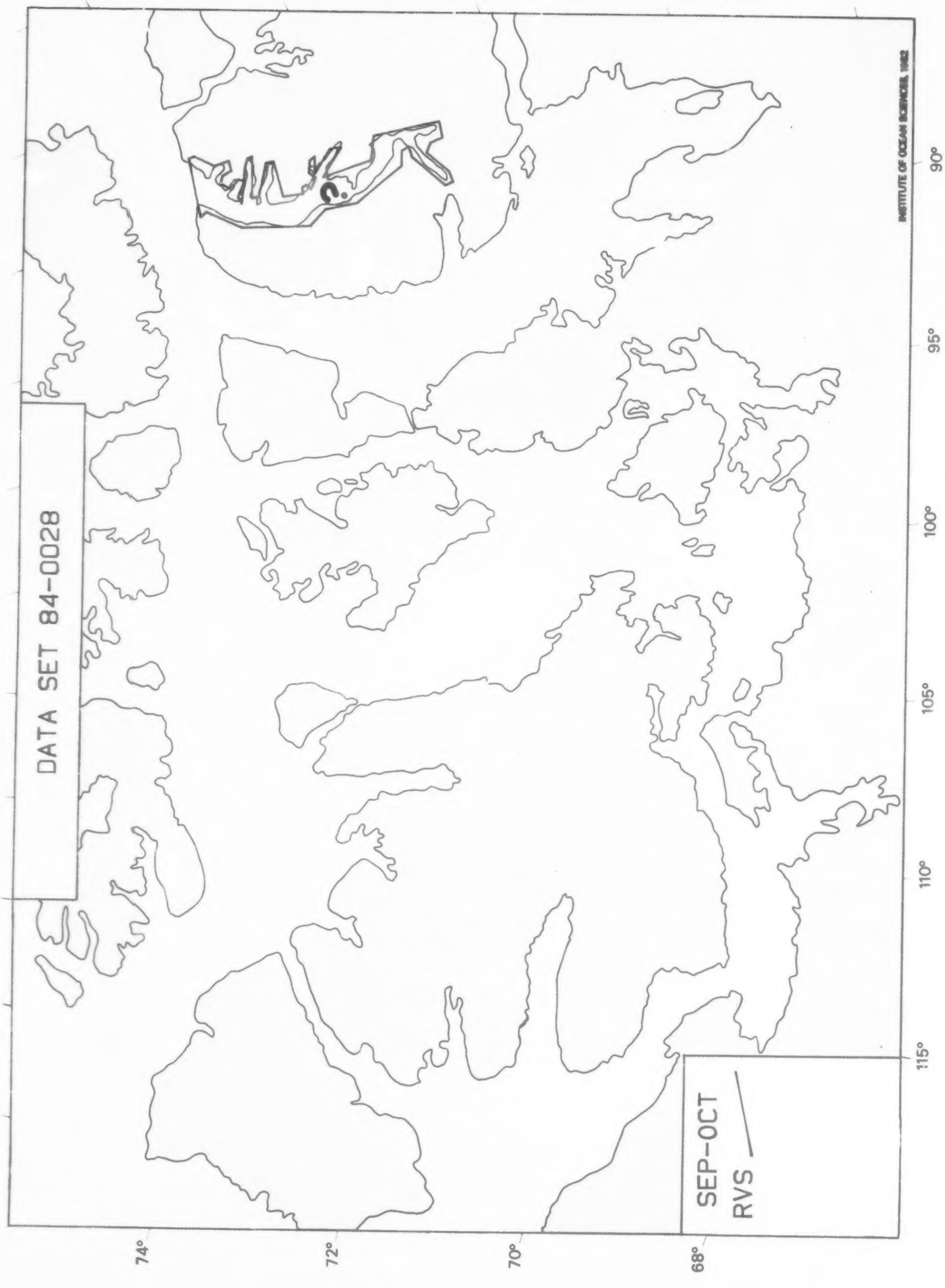
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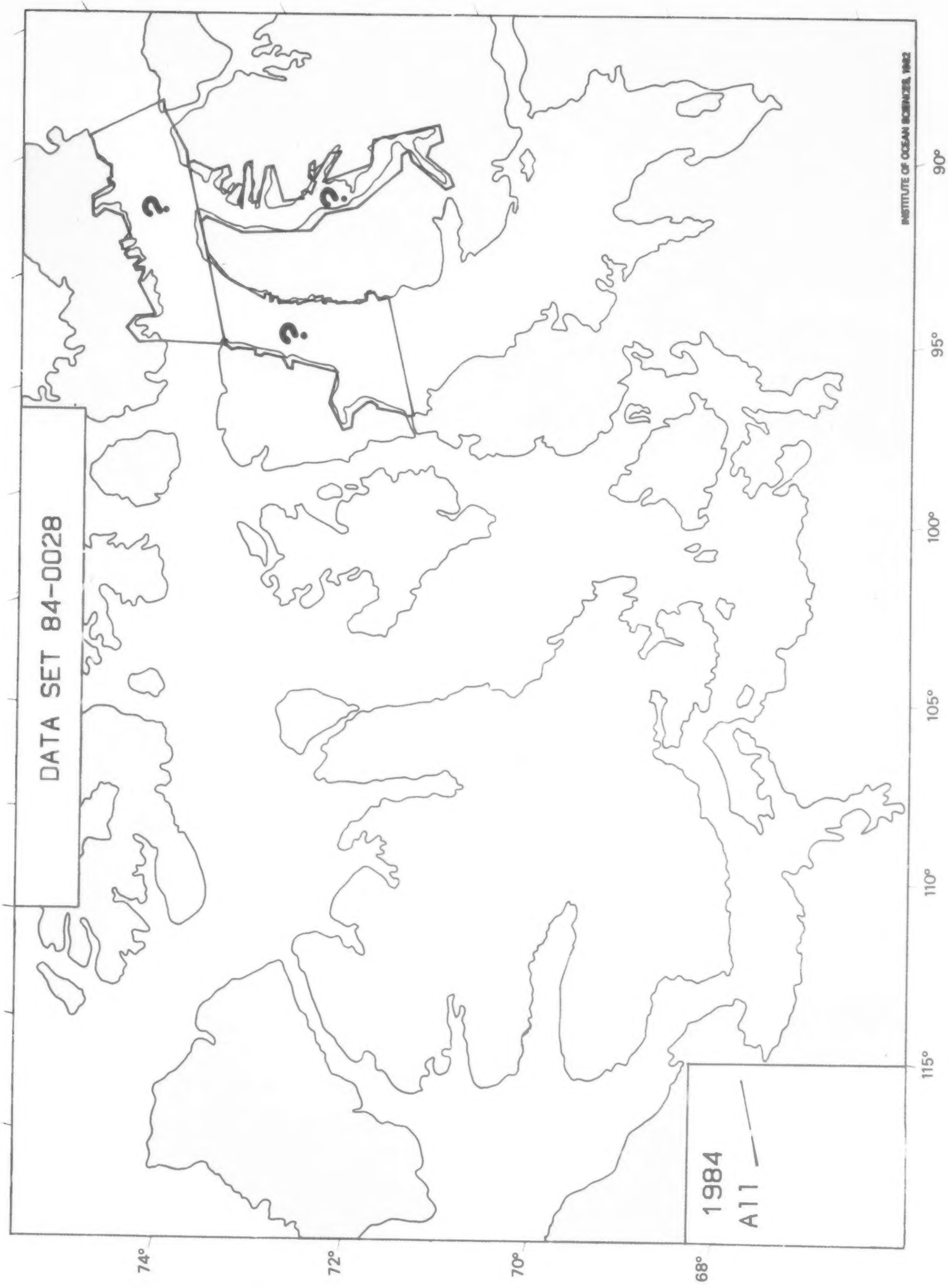
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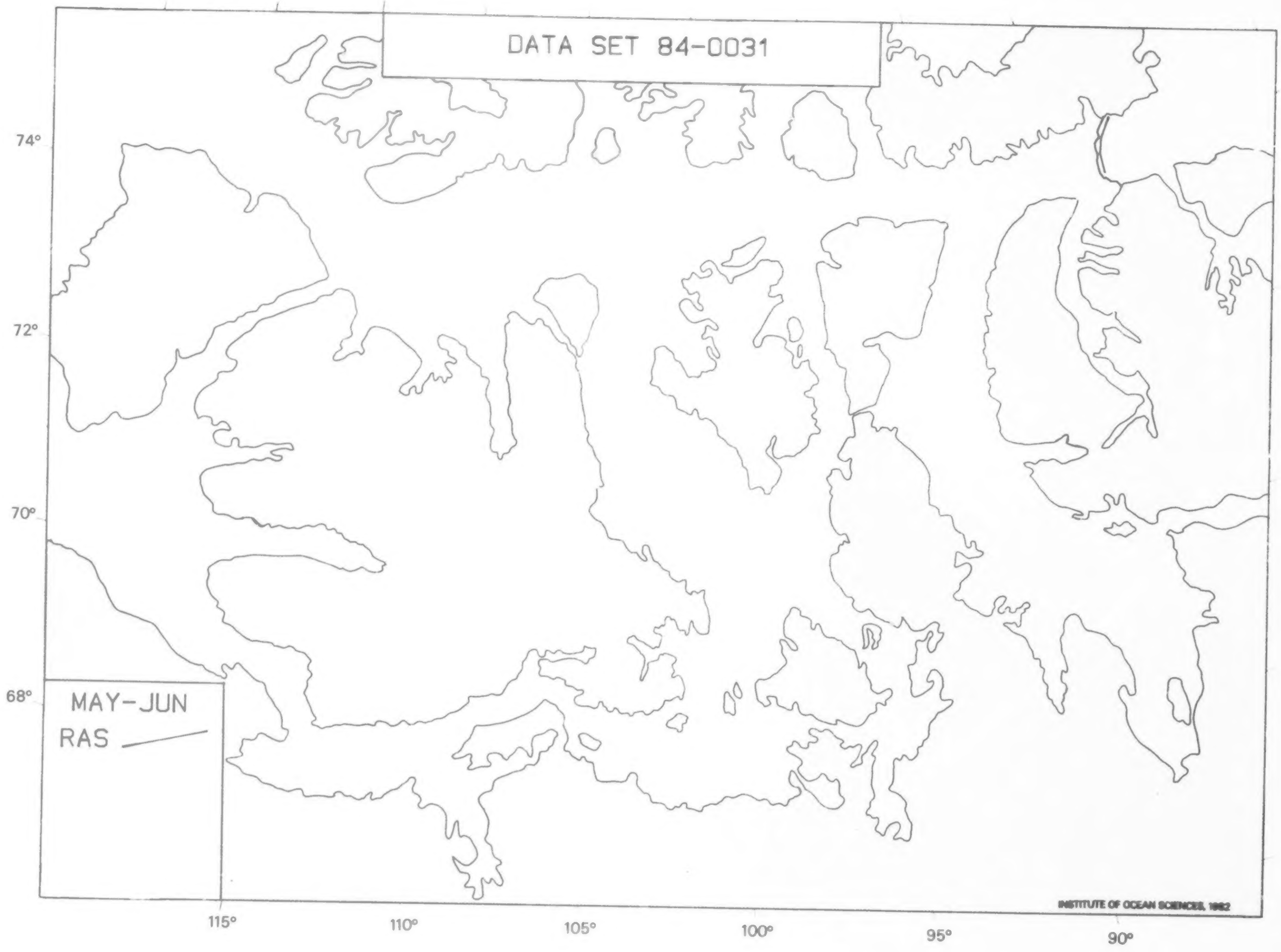
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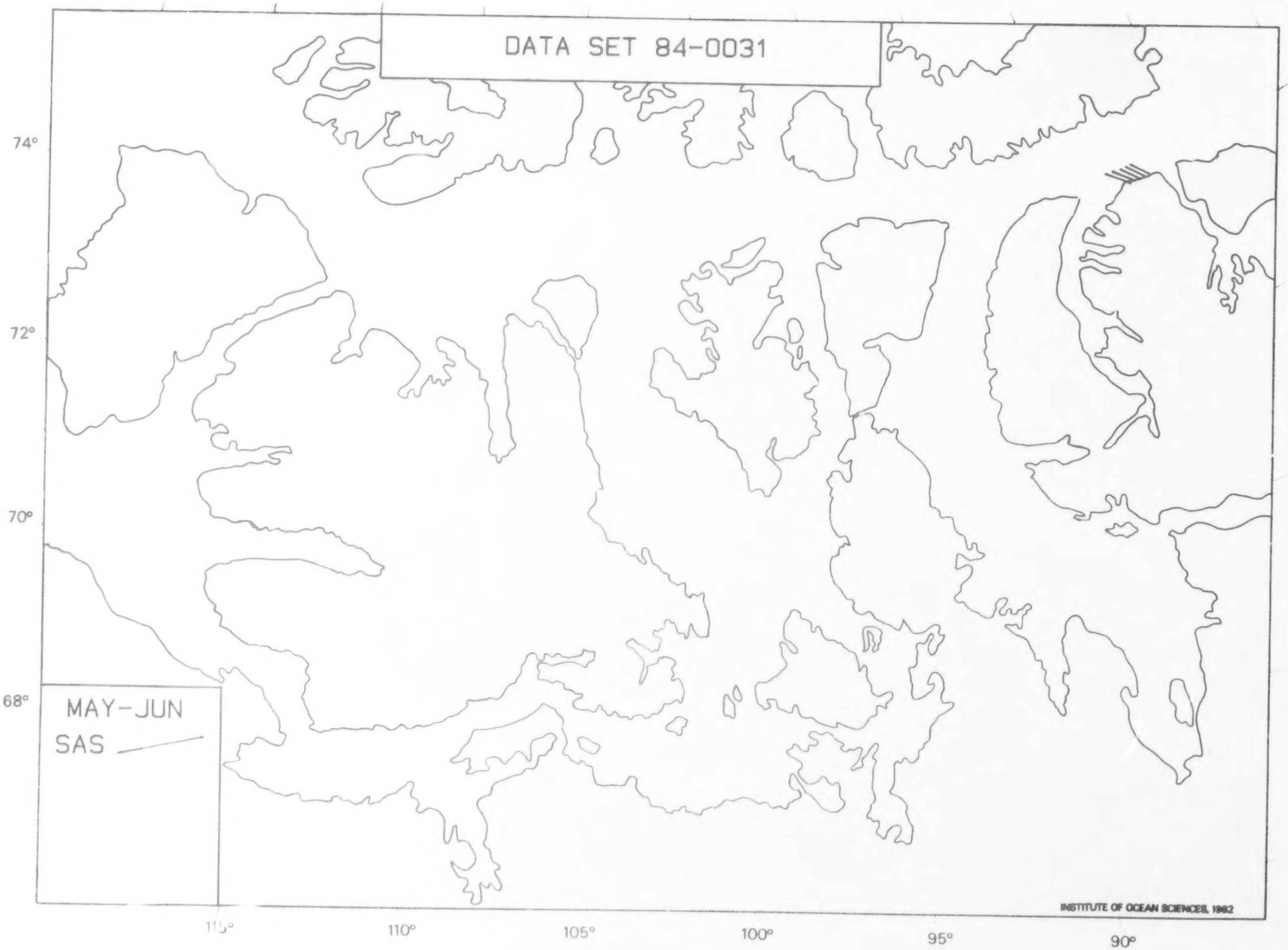
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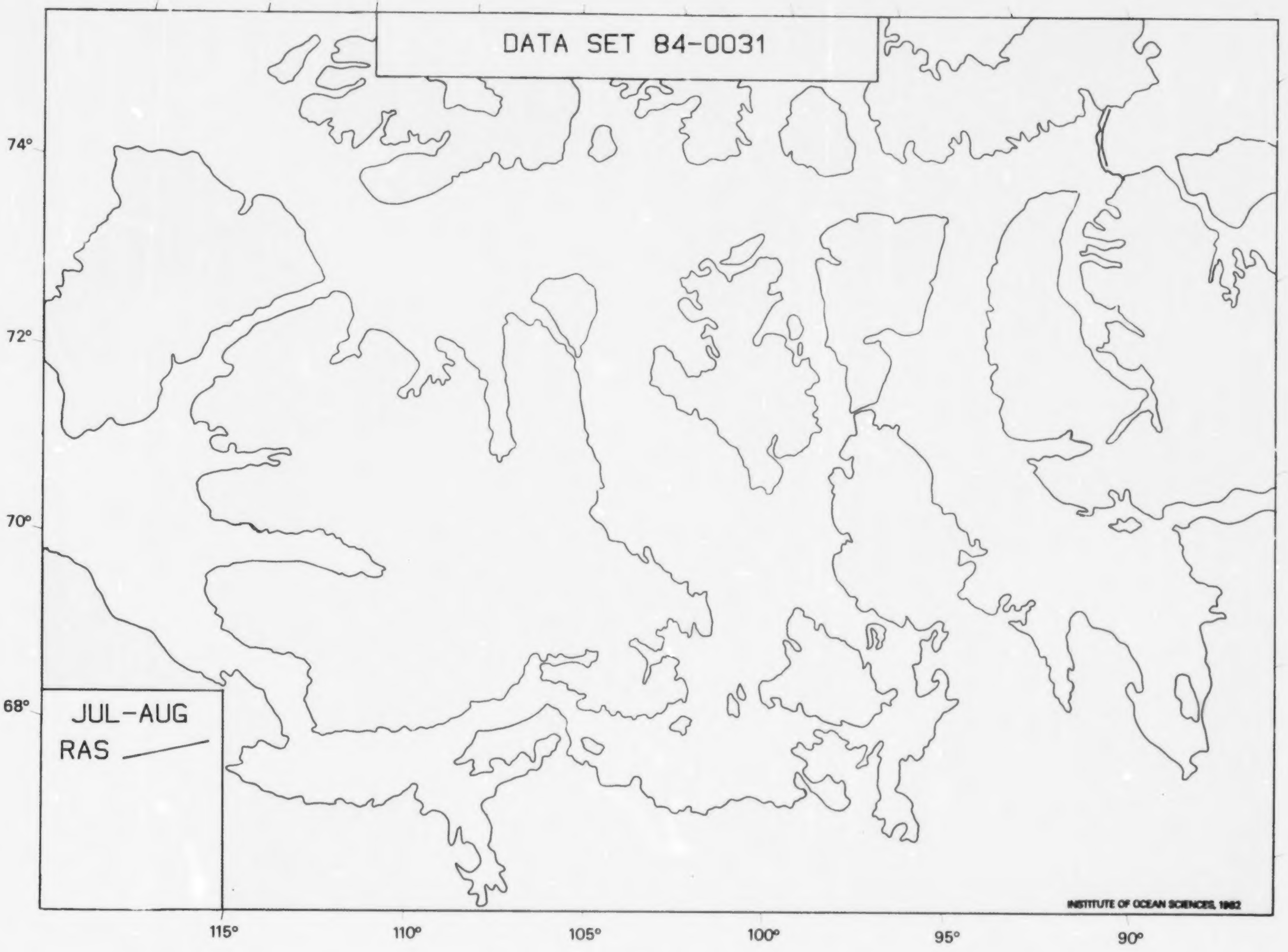
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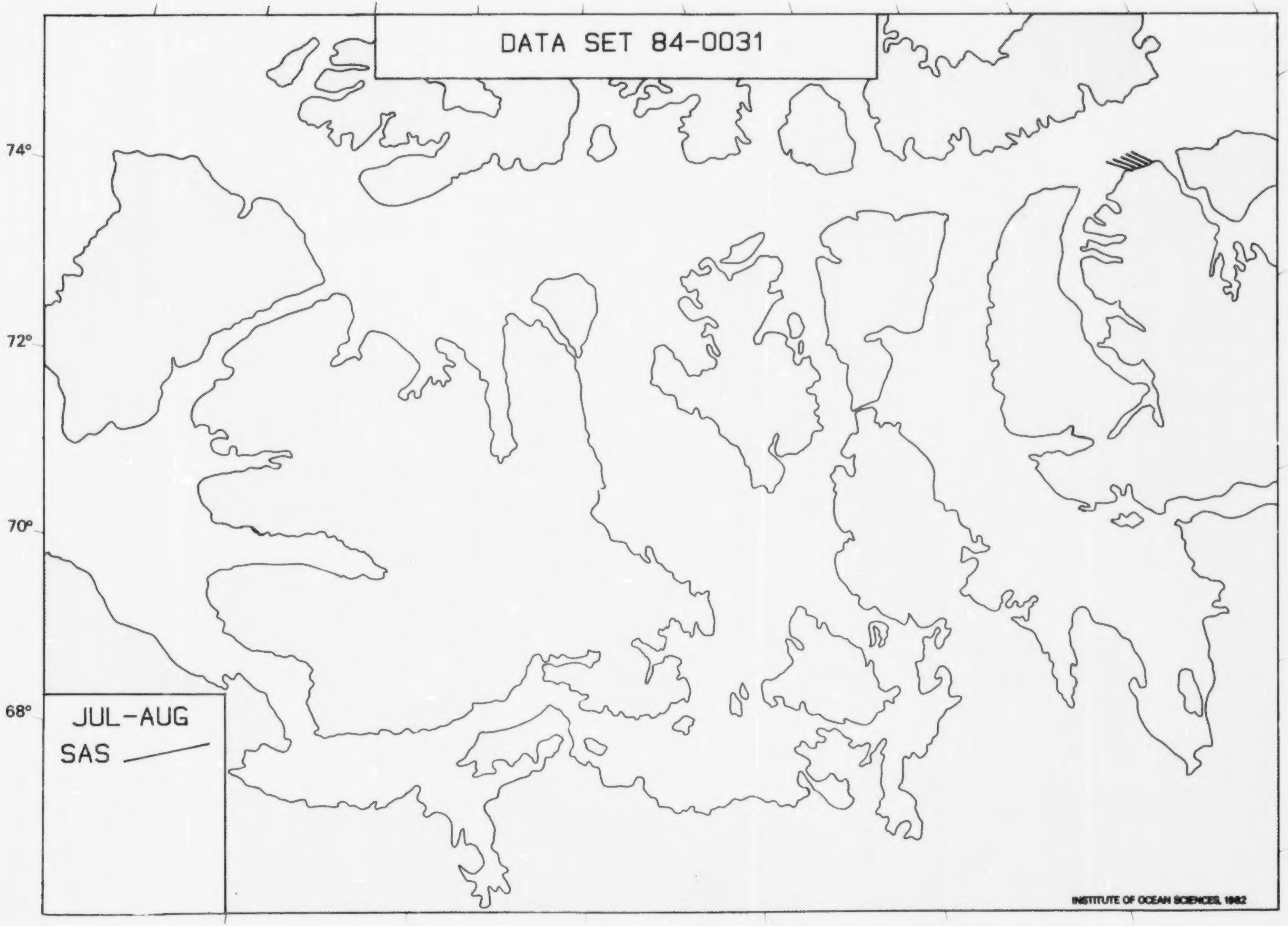
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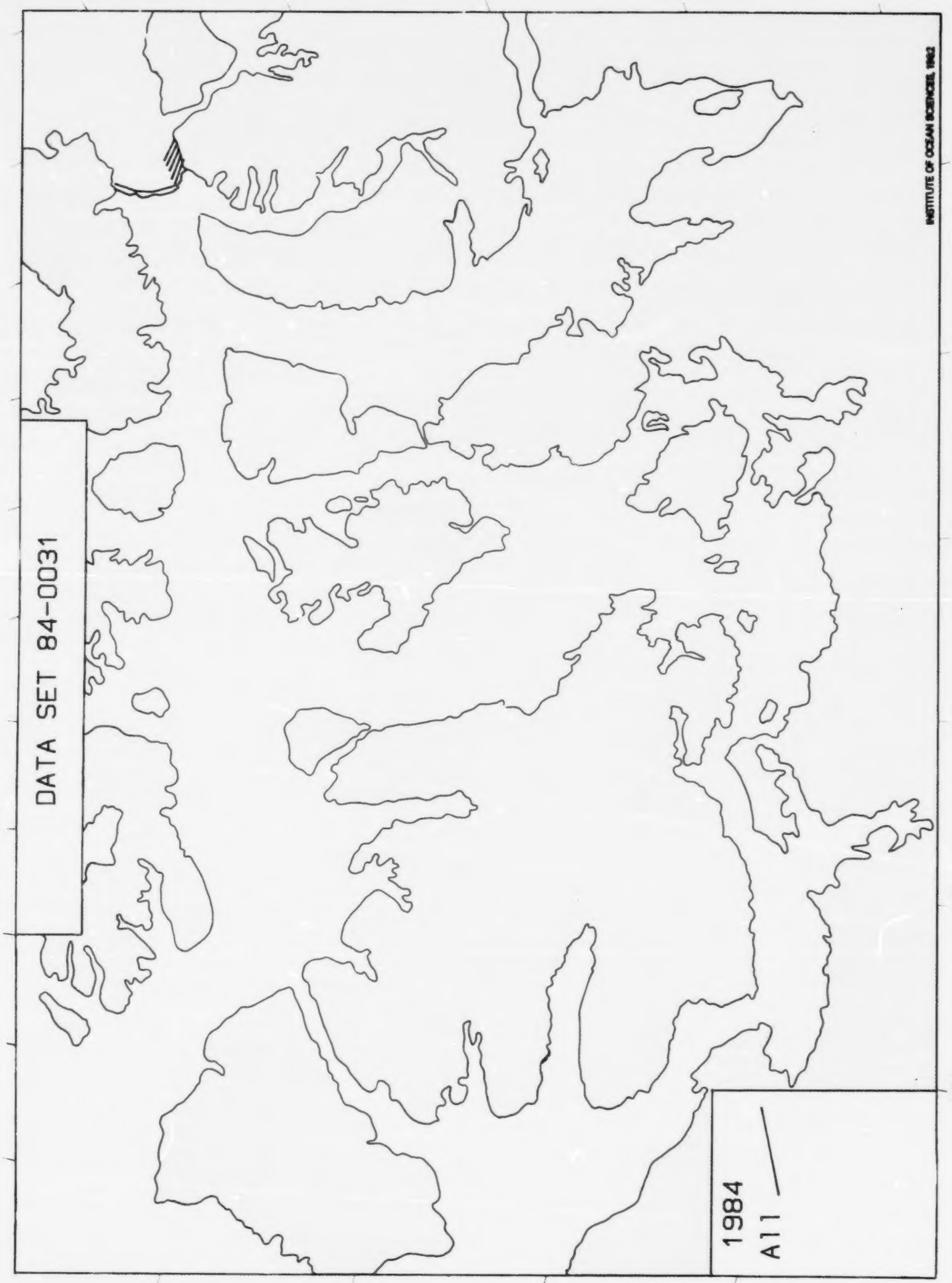
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10. INDEXES

This section contains five indexes to the data sets. Data sets are listed in chronological order by I.D. number within each index. Index 10.1 is organized according to the geographic areas sampled. Areas are listed in alphabetical order. Each data set is listed for each area indicated for that data set in Data Inventory Table 1.

Index 10.2 is according to study method. The study methods are given in alphabetical order by platform (ie., aircraft, ice, shore, vessel) followed by methods which do not utilize a platform (ie., hunters' interviews, field examination of harvested whales, incidental reports) and then a listing of data sets for which no method has been specified (NS).

Index 10.3 is according to species. Species are given in the same order as listed in Data Inventory Table 1. Each data set is listed for each species indicated for that data set in Data Inventory Table 1.

Index 10.4 is according to measurement. Measurements are given by categories and are in the same order as listed in Data Inventory Table 1. Each data set is listed for each measurement indicated for that data set in Data Inventory Table 1.

Index 10.5 contains the references based on each data set and the form, availability, and location of the original data. If known, the person to contact is indicated. Addresses for the institutions indicated are given in Appendix 2.

10.1 GEOGRAPHIC INDEX

Adams Sound (Admiralty Inlet)	Admiralty Inlet	Agu Bay (Fury & Hecla Strait)	Allen Bay (Barrow Strait)	Arabella Bay (Barrow Strait)	Arctic Bay	Aston Bay (Peel Sound)	Autridge Bay (Fury & Hecla Strait)	Back Bay (Peel Sound)
38-0012	$_{18}$71-0001	21-0001	47-0005	58-0045	37-0016	74-0111	79-0111	75-0127
54-0033	21-0001	79-0113	62-0005		38-0012	74-0116		76-0113
74-0113	23-0003		75-0075		39-0004	75-0075		
75-0076	37-0016		77-0015		40-0012	75-0127		
75-0077	38-0012				55-0037	76-0107		
75-0129	46-0003				57-0043	76-0113		
76-0066	52-0029				58-0043	77-0015		
78-0108	54-0033				72-0111	77-0113		
79-0111	56-0035				73-0127	80-0103		
83-0050	58-0045				74-0120	81-0100		
84-0026	66-0059				75-0136	82-0098		
	67-0045				76-0114	83-0052		
	71-0103				76-0116	84-0027		
	74-0054				77-0114			
	74-0111				78-0109			
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	79-0111							
	82-0104							
	83-0048							
	83-0050							
	84-0026							
	84-0028							

Baillarge Bay (Admiralty Inlet)	Baring Channel (Barrow Strait)	Barrow Strait		Bathurst Inlet (Coronation Gulf)	Batty Bay (Prince Regent Inlet)	Bellot Strait	Berlinguet Inlet (Admiralty Inlet)	Bernier Bay (Gulf of Boothia)
66-0059	74-0116	^{18}73-0001	75-0076	21-0001	54-0036	^{18}73-0001	67-0045	79-0111
75-0129	75-0075	03-0004	75-0127	49-0012	75-0075	40-0010	75-0129	
75-0131	75-0127	08-0001	75-0130	54-0033	76-0113	54-0036		
79-0111	80-0024	44-0002	75-0134	54-0036		71-0103		
	81-0024	46-0003	75-0135	79-0112		74-0111		
		47-0005	76-0107	80-0104		74-0116		
		49-0013	76-0110			75-0075		
		50-0002	76-0113			76-0113		
		52-0029	77-0113			77-0015		
		54-0001	78-0110			77-0113		
		54-0035	79-0110			80-0103		
		55-0039	80-0024			81-0100		
		58-0044	80-0103			82-0098		
		58-0045	81-0024			83-0052		
		62-0005	81-0100			84-0027		
		62-0065	82-0011					
		71-0103	82-0098					
		73-0123	83-0052					
		74-0111	84-0004					
		74-0113	84-0024					
		74-0116	84-0027					
		75-0075						

Blanley Bay (Lancaster Sound)	Brentford Bay (Gulf of Boothia)	Bridport Inlet	Browne Bay (Peel Sound)	Burnett Inlet (Lancaster Sound)	Cambridge Bay	Chantrey Inlet (Rasmussen Basin)	Committee Bay	Coppermine (Coronation Gulf)
75-0131 78-0108	66-0059 71-0103 75-0075 76-0066 76-0113 77-0015 77-0116	08-0001 77-0016	58-0044 58-0045 71-0103 74-0116 75-0075 75-0127	75-0131 78-0108 81-0100	54-0033 54-0036 55-0039 58-0044 62-0005 79-0112 80-0104	21-0001	21-0001 52-0029	54-0036 75-0136 79-0112 80-0104

Coronation Gulf	Creswell Bay	Croker Bay (Lancaster Sound)	Cuming Inlet (Lancaster Sound)	Cunningham Inlet (Barrow Strait)	Dolphin & Union Strait	Drake Bay (M'Clintock Channel)	Dundas Harbour (Lancaster Sound)	Easter Sound (Admiralty Inlet)
21-0001	39-0004	74-0113	03-0004	73-0117	21-0001	58-0045	44-0002	21-0001
40-0010	52-0029	75-0131	75-0131	73-0118	40-0010		46-0003	67-0045
54-0033	54-0036	76-0111	78-0108	74-0111			50-0002	
73-0118	55-0039	76-0112		75-0075			75-0131	
	62-0005	78-0108		76-0110			76-0112	
	63-0021	79-0067		76-0113			78-0108	
	64-0025	79-0110		77-0113				
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	74-0116			83-0052				
	75-0075			84-0027				
	76-0113							
	76-0114							
	76-0115							
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	81-0100							
	82-0098							
	83-0052							
	84-0027							

Elwin Bay (Prince Regent Inlet)	Elwin Inlet (Admiralty Inlet)	Emily Bay (Barrow Strait)	Fitzgerald Bay (Prince Regent Inlet)	Franklin Strait	Fury & Hecla Strait	Garnier Bay (Barrow Strait)	Gascoyne Inlet (Barrow Strait)	Gjoa Haven (Rasmussen Basin)
$_{18}$86-0001 $_{18}$87-0001 $_{18}$92-0001 $_{18}$94-0003 $_{18}$95-0002 $_{18}$98-0001 21-0001 73-0117 73-0118 75-0075 76-0113	66-0059 75-0131	58-0045	81-0100	40-0010 58-0045 71-0103 74-0114 74-0116 75-0075 75-0129 75-0130 76-0066 76-0113 77-0116	21-0001 65-0059 79-0111	46-0003 55-0039 74-0111 75-0075 76-0113 81-0100	49-0013 50-0002 73-0123 78-0108	54-0036 75-0136 79-0112 80-0104

Guillemard Bay (Franklin Strait)	Graham Harbour (Lancaster Sound)	Gulf of Boothia	Hadley Bay	Hobhouse Inlet (Lancaster Sound)	James Ross Strait	Jungerson Bay (Admiralty Inlet)	Lancaster Sound	
58-0044	78-0108	40-0010	54-0003	78-0108	21-0001	75-0129	1820-0001	75-0076
58-0045		52-0029	54-0035		40-0010		1823-0001	75-0077
74-0116		54-0036	73-0120		74-0116		1830-0001	75-0127
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		75-0129					1884-0002	76-0066
		77-0116					1891-0001	76-0109
		78-0107					03-0004	76-0110
		79-0111					08-0001	76-0111
							21-0001	76-0112
							23-0003	76-0113
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							62-0065	83-0050
							71-0103	83-0052
							73-0117	83-0055
							74-0111	84-0027
							74-0113	84-0028
								84-0031

Larsen Sound	Le Feuvre Inlet (Peel Sound)	Liddon Gulf (M'Clure Strait)	Lord Mayor Bay (Gulf of Boothia)	Markham Strait (Queen Maud Gulf)	Maxwell Bay (Lancaster Sound)	M'Clintock Channel	M'Clure Strait	Melville Sound (Coronation Gulf)
40-0010	58-0044	08-0001	40-0010	74-0114	73-0117	58-0045	08-0001	21-0001
72-0105	58-0045	80-0024	71-0103	75-0129	73-0118	71-0103	44-0002	49-0012
73-0120		81-0024	75-0075		74-0111	72-0105	46-0003	
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					78-0108		80-0030	
					79-0111		81-0024	
					80-0103			
					81-0100			
					82-0098			
					83-0052			
					84-0027			

Moffet Inlet (Admiralty Inlet)	Ommanney Bay (M'Clintock Channel)	Pasley Bay (Larsen Sound)	Peel Sound	Pelly Bay	Powell Inlet (Lancaster Sound)	Prince of Wales Strait	Prince Regent Inlet	
21-0001	58-0045	40-0010	58-0044	21-0001	75-0131	08-0001	^{18}68-0001	75-0075
54-0033	71-0103	71-0103	58-0045	54-0036	78-0108	44-0002	^{18}73-0001	75-0076
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76-0066			74-0111	78-0109		54-0003	^{18}90-0002	75-0131
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			76-0107				47-0005	79-0111
			76-0113				52-0029	80-0103
			77-0113				54-0036	81-0100
			79-0111				71-0103	82-0098
			80-0024				73-0117	83-0049
			80-0103				73-0118	83-0052
			81-0024				74-0111	84-0025
			81-0100				74-0113	84-0027
			82-0098				74-0116	84-0028
			83-0052					
			84-0025					
			84-0027					

Queen Maud Gulf	Radstock Bay (Barrow Strait)	Rae Strait (Rasmussen Basin)	Rasmussen Basin	Reliance Bay (Viscount Melville Sound)	Resolute Bay	Richard Collinson Inlet (Viscount Melville Sound)
21-0001	49-0013	21-0001	21-0001	58-0045	47-0005	44-0002
40-0010	50-0002	40-0010	40-0010		49-0013	54-0003
49-0012	73-0118		71-0103		50-0002	54-0035
54-0033	73-0123				52-0029	80-0030
	74-0111				54-0035	
	74-0113				55-0039	
	75-0075				57-0043	
	76-0110				58-0043	
	76-0113				59-0044	
	77-0113				60-0065	
	78-0108				61-0076	
	79-0111				62-0029	
	80-0103				62-0065	
	81-0100				63-0021	
	82-0098				64-0025	
	83-0052				65-0024	
	84-0027				66-0024	
					67-0027	
					68-0032	
					69-0037	
					71-0047	
					74-0111	
					74-0120	
					75-0130	
					75-0136	
					76-0114	
					76-0115	
					77-0114	
					78-0109	
					78-0110	
					79-0112	
					80-0104	
					84-0004	

Rigby Bay (Barrow Strait)	Scott Bay (M'Clintock Channel)	Shepherd Bay (Rasmussen Basin)	Simpson Strait	Skene Bay (Viscount Melville Sound)	Smith Bay (M'Clintock Channel)	Spence Bay	Strathcona Sound	St. Roch Basin (Rasmussen Basin)
78-0108	58-0044	21-0001	21-0001 40-0010 54-0036	77-0016	58-0044 58-0045	52-0029 54-0033 54-0036 56-0035 57-0043 58-0043 59-0044 60-0065 61-0076 62-0029 63-0021 64-0025 65-0024 66-0024 67-0027 68-0032 68-0066 69-0037 70-0038 75-0075 75-0136 78-0109 79-0112 80-0104	23-0003 66-0059 74-0054 74-0113 75-0077 75-0129 75-0134 76-0066 78-0108 79-0111 82-0104 83-0050 84-0026	21-0001 40-0010

Stratton Inlet (Lancaster Sound)	Thom Bay (Gulf of Boothia)	Transition Bay (Peel Sound)	Victoria Strait	Viscount Melville Sound	Wellington Bay (Dease Strait)	Willis Bay (Franklin Strait)	Winter Harbour (Viscount Melville Sound)
44-0002	68-0066	58-0045	72-0105	08-0001	62-0005	58-0045	08-0001
75-0131	75-0075	76-0113	73-0120	44-0002			44-0002
78-0108	78-0107		74-0114	46-0003			46-0003
			75-0129	47-0005			54-0035
			76-0066	49-0013			77-0016
			77-0116	52-0029			
				54-0001			
				54-0003			
				54-0035			
				74-0114			
				74-0116			
				75-0075			
				75-0127			
				75-0129			
				76-0107			
				77-0016			
				80-0024			
				80-0030			
				81-0024			

Wrottesley Inlet (Franklin Strait)	Wynniatt Bay (Viscount Melville Sound)	Young Bay (Peel Sound)					
75-0075	54-0035 74-0114 75-0129	58-0044 58-0045					

10.2 STUDY METHOD INDEX

Aircraft			Ice		Shore	
Reconnaissance Survey		Systematic Survey	Reconnaissance Survey	Watch	Watch	
46-0003	76-0109	73-0117P	08-0001	08-0001	49-0012	83-0048
47-0005	76-0110	75-0075	21-0001	75-0127	52-0008	83-0050
49-0012	76-0111	75-0077	40-0010	82-0104H	52-0029	83-0052H,P
49-0013	76-0112	75-0131	54-0033	83-0048	53-0014	84-0026
50-0002	76-0113P	76-0066	58-0044	83-0055H	54-0033	84-0027H,P
52-0029	77-0016	76-0110	68-0066		54-0035	
54-0035	77-0113P	76-0111	75-0127		55-0039	
55-0039	77-0116	76-0112	76-0107		57-0020	
58-0044	78-0106	76-0113			58-0044	
58-0045	78-0107	78-0108			62-0005	
62-0065	78-0108	79-0067			73-0123	
67-0045	78-0110	79-0110			74-0111	
68-0066	79-0067	79-0111			75-0075	
72-0105	79-0110	80-0024			75-0076	
73-0120	79-0111	81-0024			75-0127	
74-0054	80-0030	81-0100			75-0134	
74-0111	80-0103	82-0011			75-0135	
74-0113	81-0100	83-0049P			76-0064P	
74-0114	82-0098	83-0050P			76-0065	
74-0116	82-0104	84-0024			76-0110	
75-0075P	83-0050	84-0025P			76-0113	
75-0076	83-0052	84-0026P			77-0015	
75-0077	83-0055P	84-0031			77-0016	
75-0127	84-0026				77-0113	
75-0129	84-0027				78-0108	
75-0130	84-0028				79-0109P	
75-0131	84-0031				80-0103H	
75-0135					81-0100H,P	
76-0064					82-0098H,P	
76-0066						

Vessel							
Reconnaissance Survey		Watch	Hunters' Interviews	Examination of Harvested Whales	Incidental Reports	NS	
$_{18}$20-0001	50-0002	08-0001	21-0001	74-0111	21-0001	37-0016	72-0111
$_{18}$23-0001	52-0008	40-0010	62-0029	75-0075	33-0003	38-0012	73-0118
$_{18}$30-0001	53-0014	54-0033	63-0021	75-0076	46-0003	39-0004	73-0127
$_{18}$68-0001	54-0001	62-0005	64-0025	76-0065	49-0013	40-0012	74-0120
$_{18}$71-0001	54-0003		65-0024	79-0113	50-0002	54-0034	75-0136
$_{18}$73-0001	54-0033		66-0024	83-0048	54-0035	54-0036	76-0114
$_{18}$74-0001	57-0020		67-0027	83-0055	54-0036	55-0037	76-0115
$_{18}$84-0001	58-0044		68-0032		55-0039	56-0035	76-0116
$_{18}$84-0002	68-0066		69-0037		65-0059	57-0043	77-0114
$_{18}$86-0001	75-0134		70-0038		68-0066	58-0043	78-0109
$_{18}$87-0001	75-0135		71-0047		74-0054	59-0044	
$_{18}$90-0002	77-0015		71-0103		74-0111	60-0065	
$_{18}$91-0001	77-0115		79-0112		75-0076	61-0076	
$_{18}$92-0001	84-0028		80-0104		75-0077	65-0059	
$_{18}$94-0003			84-0004		76-0064	66-0059	
$_{18}$95-0002			84-0028		76-0109		
$_{18}$98-0001					76-0113		
03-0004					78-0108		
08-0001					79-0110		
21-0001					79-0111		
23-0003					82-0104		
33-0003					84-0031		
40-0010							
44-0002							
46-0003							
47-0005							
49-0013							

H = hydroacoustics
P = photography

10.3 SPECIES INDEX

BW	KW	N		WW	
$_{18}$20-0001	21-0001	$_{18}$71-0001	75-0075	$_{18}$86-0001	73-0117
$_{18}$23-0001	46-0003	$_{18}$74-0001	75-0076	$_{18}$87-0001	73-0118
$_{18}$30-0001	50-0002	$_{18}$84-0001	75-0077	$_{18}$90-0002	74-0111
$_{18}$68-0001	75-0131	$_{18}$84-0002	75-0127	$_{18}$91-0001	74-0113
$_{18}$71-0001	78-0108	$_{18}$98-0001	75-0129	$_{18}$92-0001	74-0116
$_{18}$73-0001		08-0001	75-0131	$_{18}$94-0003	75-0075
03-0004		21-0001	75-0136	$_{18}$95-0002	75-0076
08-0001		37-0016	76-0064	$_{18}$98-0001	75-0077
21-0001		38-0012	76-0065	03-0004	75-0127
39-0004		39-0004	76-0066	21-0001	75-0130
40-0010		40-0010	76-0109	33-0003	75-0131
46-0003		40-0012	76-0111	46-0003	75-0136
47-0005		46-0003	76-0112	47-0005	76-0064
50-0002		49-0013	76-0113	49-0013	76-0066
56-0035		50-0002	76-0114	50-0002	76-0109
57-0020		52-0029	76-0116	52-0008	76-0111
58-0044		54-0034	77-0015	52-0029	76-0112
65-0059		54-0036	77-0113	54-0034	76-0113
74-0111		55-0037	77-0114	54-0035	76-0114
74-0116		57-0020	78-0108	54-0036	77-0113
75-0075		57-0043	78-0109	55-0039	77-0114
75-0076		58-0043	78-0110	56-0035	78-0106
75-0077		58-0045	79-0067	57-0020	78-0108
75-0131		62-0029	79-0109	57-0043	78-0109
76-0064		63-0021	79-0110	58-0043	78-0110
76-0065		64-0025	79-0111	58-0044	79-0067
76-0111		65-0024	79-0112	58-0045	79-0109
76-0112		65-0059	79-0113	59-0044	79-0110
76-0113		66-0024	80-0103	60-0065	79-0111
76-0115		66-0059	80-0104	61-0076	79-0112
77-0115		67-0027	81-0024	62-0005	80-0024
78-0108		67-0045	81-0100	62-0029	80-0103
78-0110		68-0032	82-0098	63-0021	81-0024
79-0109		68-0066	82-0104	64-0025	81-0100
79-0110		71-0103	83-0048	65-0024	82-0098
79-0111		72-0111	83-0049	65-0059	82-0104
81-0100		73-0127	83-0050	66-0024	83-0049
82-0104		74-0054	83-0055	66-0059	83-0052
83-0050		74-0111	84-0025	67-0027	83-0055
84-0025		74-0113	84-0026	67-0045	84-0004
84-0026		74-0116	84-0028	68-0032	84-0025
84-0027		74-0120	84-0031	68-0066	84-0026
84-0028				69-0037	84-0027
				70-0038	84-0028
				71-0047	84-0031
				71-0103	

BW = bowhead whale
KW = killer whale
N = narwhal
WW = white whale

10.4 MEASUREMENT INDEX

# seen/location

$_{18}$20-0001
$_{18}$23-0001
$_{18}$30-0001
$_{18}$71-0001
03-0004
08-0001
21-0001
33-0003
37-0016
38-0012
39-0004
40-0010
46-0003
47-0005
49-0013
50-0002
52-0008
52-0029
54-0034
54-0035
54-0036
55-0039
57-0020
58-0044
58-0045
65-0059
66-0059
67-0045
68-0066
71-0103
73-0118
74-0054
74-0111
74-0113
74-0116
75-0075
75-0076
75-0077
75-0127
75-0130
75-0131
76-0064
76-0065
76-0066
76-0109
76-0111
76-0112
76-0113
77-0015
77-0113
77-0115
78-0106
78-0108
78-0110
79-0067
79-0109
79-0110
79-0111
79-0113
80-0103
81-0100
82-0098
82-0104
83-0050
83-0052
83-0055
84-0026
84-0027
84-0028
84-0031

#/aerial transect line

75-0075
75-0077
75-0131
76-0066
76-0111
76-0112
76-0113
78-0108
79-0067
79-0110
79-0111
80-0024
81-0024
81-0100
83-0049
84-0031

#/ photograph

73-0117
75-0075
76-0113
81-0100
82-0098
83-0049
83-0050
83-0055
84-0025
84-0026

# of calves

$_{18}$73-0001
$_{18}$84-0001
21-0001
47-0005
49-0013
52-0029
57-0020
73-0117
73-0118
74-0111
74-0116
75-0075
75-0076
75-0077
75-0127
76-0064
76-0111
76-0113
77-0113
78-0106
78-0108
79-0067
79-0109
79-0110
79-0111
79-0113
80-0024
80-0103
81-0024
81-0100
82-0098
82-0104
83-0049
83-0050
83-0055
84-0025

#/group

08-0001
46-0003
49-0013
52-0008
57-0020
65-0059
73-0117
74-0054
74-0111
74-0116
75-0075
75-0076
75-0077
75-0130
76-0064
76-0066
76-0111
76-0112
76-0113
78-0108
78-0110
79-0067
79-0109
79-0110
79-0111
80-0024
81-0024
81-0100
82-0098
82-0104
83-0048
83-0049
83-0050
83-0055
84-0025
84-0026
84-0027
84-0031

# of male pods	# landed		# struck and lost	# struck and killed	# struck, killed and lost	# killed/ location	# dead/ location	#/distance from aircraft
82-0104	${}_{18}$74-0001	67-0027	${}_{18}$30-0001	75-0077	79-0113	${}_{18}$68-0001	21-0001	75-0075
83-0055	${}_{18}$84-0001	67-0045	${}_{18}$84-0001		83-0055	${}_{18}$71-0001	39-0004	75-0076
	${}_{18}$84-0002	68-0032	${}_{18}$84-0002			${}_{18}$73-0001	40-0010	78-0108
	${}_{18}$86-0001	69-0037	${}_{18}$37-0016			${}_{18}$54-0036	46-0003	80-0024
	${}_{18}$87-0001	70-0038	39-0004				47-0005	81-0024
	${}_{18}$90-0002	71-0047	40-0012				56-0035	84-0031
	${}_{18}$91-0001	72-0111	74-0120				58-0044	
	${}_{18}$92-0001	73-0127	75-0076				74-0111	
	${}_{18}$94-0003	74-0120					74-0116	
	${}_{18}$95-0002	75-0075					75-0075	
	${}_{18}$98-0001	75-0076					75-0076	
	${}_{18}$03-0004	75-0136					75-0129	
	21-0001	76-0065					76-0115	
	37-0016	76-0114					78-0110	
	38-0012	77-0114					83-0055	
	40-0012	78-0109					84-0028	
	50-0002	79-0112						
	55-0037	79-0113						
	56-0035	80-0104						
	57-0043	82-0104						
	58-0043	83-0048						
	59-0044	83-0055						
	60-0065	84-0004						
	61-0076	84-0031						
	62-0005							
	62-0029							
	63-0021							
	64-0025							
	65-0024							
	65-0059							
	66-0024							
	66-0059							

#/distance from vessel	#/distance from land	#/distance from ice edge	tag #	total length	snout-to-blowhole length	snout-to-anus length	snout-to-genital slit length	snout-to-umbilicus length
82-0104	46-0003	78-0108	76-0065	40-0010	83-0048	83-0048	83-0048	83-0048
83-0055	47-0005	79-0067	77-0113	46-0003				
84-0031	57-0020	79-0110		62-0005				
	73-0117	82-0104		73-0117				
	74-0111	83-0055		74-0111				
	75-0077	84-0031		75-0075				
	76-0064			75-0076				
	76-0112			76-0065				
	78-0108			83-0048				
				83-0055				
				84-0028				

snout-to-flipper length	snout-to-eye length	snout-to-ear length	snout-to-angle of mouth length	baleen length	flipper length	flipper width	tail width	girth at eye
83-0048	83-0048	83-0048	83-0048	73-0001	83-0048	83-0048	75-0076 76-0065 83-0048	83-0048

girth at armpit	girth at navel	girth at anus	maximum girth	tusk length	total tusk length	exposed tusk length	tusk circum-ference	eye-to-ear length
75-0076 76-0065 83-0048	83-0048	75-0075 75-0076 76-0065 83-0048	74-0111 75-0075 75-0076 76-0065	76-0116 83-0055	21-0001 83-0048	75-0076 76-0065 83-0048	83-0048	83-0048

eye-to-blowhole length	eye-to-angle of mouth length	blowhole width	tail notch depth	blubber thickness	muktuk thickness	# of tusks	baleen weight	oil weight
83-0048	83-0048	83-0048	83-0048	74-0111 75-0076 76-0065 83-0048	83-0048	08-0001 21-0001 79-0109	73-0001	73-0001

tusk weight	flipper shape	body deformity	spiral direction	# of dentine layers	# of mandible layers	overall colour	colour pattern	blubber colour
76-0116 83-0048	74-0111 82-0104	75-0075	21-0001	74-0111 75-0075 75-0076 76-0065	75-0076	08-0001 21-0001 46-0003 47-0005 49-0013 62-0005 73-0117 74-0111 75-0075 75-0076 76-0065 79-0111	21-0001 74-0111 75-0076 76-0065 76-0113 81-0024 83-0048 84-0028	21-0001

# of scars	scar pattern	mud on body	genital structure	presence of tusk	association with calf	gonad length	gonad width	gonad depth
74-0111 76-0064 83-0048 83-0050	74-0111 75-0076 76-0065 80-0103 82-0104 83-0048 83-0055 84-0027 84-0028	21-0001	^{18}73-0001 62-0005 74-0111 75-0075 79-0113 83-0048	^{18}84-0001 08-0001 21-0001 40-0010 40-0012 57-0020 74-0111 74-0116 75-0075 75-0076 75-0077 76-0064 76-0065 76-0066 76-0113 78-0108 79-0067 79-0109 79-0110 79-0111 79-0113 82-0104 83-0048 83-0049 83-0055	83-0055	75-0076 76-0065	75-0076 76-0065	75-0076 76-0065

gonad volume	gonad weight	sperm present	sperma-togenesis stages	epididymal tubule diameter	corpora lutea #	corpora lutea diameter	corpora albicantia #	corpora albicantia diameter
75-0076 76-0065	75-0076 76-0065	75-0076 76-0065	75-0076 76-0065	75-0076 76-0065	75-0076 76-0065 83-0048	75-0076 76-0065	75-0076 76-0065	75-0076 76-0065

uterine cornua diameter	mammary gland width	mammary gland depth	fetus present	fetus length	fetus width	milk present	milk volume	milk colour
75-0076 83-0048	75-0076	75-0076 83-0048	75-0075 75-0076 76-0065	75-0075 75-0076 76-0065	75-0075	75-0076 76-0065	83-0048	83-0048

milk consistency	milk opaqueness	food	stomach contents	presence of birds	parasites present	heading	distance/ time
83-0048	83-0048	21-0001 46-0003 47-0005 58-0044 73-0118 75-0077 78-0108 79-0110	74-0111 75-0075 75-0076 76-0065 79-0113 83-0048	75-0075 76-0113 82-0104	75-0076 76-0065	21-0001 46-0003 47-0005 49-0013 50-0002 52-0008 54-0034 57-0020 65-0059 71-0103 73-0117 74-0111 74-0116 75-0075 75-0076 75-0077 75-0127 75-0130 75-0131 76-0064 76-0109 76-0111 76-0112 76-0113 78-0108 79-0067 79-0109 79-0110 79-0111 80-0024 81-0024 82-0104 83-0049 83-0050 83-0052 83-0055 84-0026 84-0028 84-0031	74-0111 75-0075 75-0076 75-0077 76-0064 76-0111 76-0112 76-0113 78-0108 79-0110 82-0104 83-0055 84-0026 84-0031

distance/ dive	swimming under ice	dive time	surface time	time between blows	# blows/ surfacing	# surfacings/ time	# underwater blows	nudging
82-0104	46-0003 76-0113 82-0104 83-0050 83-0055 84-0026 84-0031	21-0001 74-0111 76-0064 80-0103 81-0100 82-0098 82-0104 83-0050 83-0055 84-0026 84-0028	80-0103 81-0100 82-0098 82-0104 83-0050 83-0055 84-0026	80-0103 81-0100 82-0098 83-0050 83-0055 84-0026	80-0103 81-0100 82-0098 83-0050 84-0026	80-0103 81-0100 82-0098 83-0050 84-0026	74-0111	21-0001

pushing	chasing	slapping	nipping	tusk crossing over body	tusks crossing	tusk raising	sweeping	flukes overlapping
21-0001 74-0111	83-0055	74-0111	74-0111	75-0077 76-0066 83-0050	74-0111 75-0077 76-0064 76-0066 83-0050 83-0055	21-0001 75-0076 76-0064 82-0104 83-0050 84-0026	83-0055	74-0111

touching another whale	rubbing another whale	lifting another whale	orientation to others	orientation to vessel	orientation to ice edge	synchrony among animals	distance between individuals	proximity to other species
82-0104 83-0055	75-0129 76-0066 83-0050 84-0026	76-0064	21-0001 73-0117 73-0118 75-0075 75-0077 76-0064 76-0066 76-0112 76-0113 83-0050 84-0026 84-0028	82-0104	74-0116 75-0075 75-0076 76-0113 79-0110 82-0104 83-0055 84-0031	21-0001 47-0005 83-0050 83-0055 84-0026	46-0003 74-0111 75-0075 75-0076 75-0077 76-0064 76-0066 76-0112 76-0113 82-0104 83-0055	49-0013 75-0075 75-0076 76-0064 76-0112 76-0113 79-0109 82-0104 83-0055 84-0026 84-0028

position in water	disturbing mud	splashing	breaching	tail slapping	flipper slapping	spy-hopping	head in air	flipper in air
21-0001 40-0001 74-0111 75-0075 75-0076 75-0077 79-0111 82-0104 83-0050 83-0055 84-0026 84-0031	78-0110 82-0104	46-0003	83-0050	46-0003 83-0050 83-0055	74-0111	21-0001 83-0050	21-0001 46-0003 74-0111	82-0104 84-0031

tail in air	flukes in air	back arched	bobbing	porpoising	swimming in circles	swimming on side	rolling on side	turning at surface
21-0001 46-0003 74-0111 83-0050	83-0055	46-0003	21-0001 83-0050 84-0026	84-0031	83-0050 83-0055 84-0026 84-0031	84-0031	46-0003 74-0111 76-0064 82-0104 83-0050 83-0055 84-0026	74-0111 76-0064

head covered in kelp	rock in mouth	basking	mating	nursing	call	# calls/ whale	# calls/ type/time	call duration
46-0003	74-0111	68-0066	78-0110	73-0118 74-0111	21-0001 46-0003 74-0111	80-0103 81-0100 82-0098 83-0052 84-0027	80-0103 81-0100 82-0098 82-0104 83-0052 83-0055 84-0027	80-0103 81-0100 82-0098 82-0104 83-0052 83-0055 84-0027

call frequency spectrum	call intensity	pulse rate						
80-0103 81-0100 82-0098 82-0104 83-0052 83-0055 84-0027	83-0055	80-0103 81-0100 82-0098 82-0104 83-0052 83-0055 84-0027						

10.5 **DATA LOCATION/REFERENCE INDEX**

Date Set I.D.	Reference	Status	Availability
$_{18}$20-0001	Lubbock, B. 1937. The arctic whalers. Brown, Son and Ferguson Ltd., Glasgow. 483 p.	-	Public
$_{18}$23-0001	Lubbock, B. 1937. The arctic whalers. Brown, Son and Ferguson Ltd., Glasgow. 483 p.	-	Public
$_{18}$30-0001	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
$_{18}$68-0001	Lubbock, B. 1937. The arctic whalers. Brown, Son and Ferguson Ltd., Glasgow. 483 p.	-	Public
$_{18}$71-0001	Lubbock, B. 1937. The arctic whalers. Brown, Son and Ferguson Ltd., Glasgow. 483 p.	-	Public
$_{18}$73-0001	Lubbock, B. 1937. The arctic whalers. Brown, Son and Ferguson Ltd., Glasgow. 483 p.	-	Public
$_{18}$74-0001	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
$_{18}$84-0001	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
$_{18}$84-0002	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public

Date Set I.D.	Reference	Status	Availability
$_{18}$86-0001	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
$_{18}$87-0001	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
$_{18}$90-0002	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
$_{18}$91-0001	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
$_{18}$92-0001	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
$_{18}$94-0003	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
$_{18}$95-0002	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
$_{18}$98-0001	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public

Date Set I.D.	Reference	Status	Availability
03-0004	Low, A.P. 1906. Report on the Dominion Government Expedition to Hudson Bay and the Arctic Islands on board the D.G.S. *Neptune*, 1903-1904. Government Printing Bureau, Ottawa.	-	Public
08-0001	Bernier, J.E. 1910. Report on the Dominion of Canada Government Expedition to the Arctic Islands and Hudson Strait on board the D.G.S. *Arctic*. Government Printing Bureau, Ottawa, 513 p.	-	Public
21-0001	Degerbol, M. and P. Freuchen. 1935. Mammals. Report of the Fifth Thule Expedition 1921-24. Vol. II (4-5).	-	Public
	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. Int. Whal. Commn 31: 645-682.	-	Public
23-0003	Soper, J.D. 1928. A faunal investigation of southern Baffin Island. Nat. Mus. Can. Bull. 53. 143 p.	-	Public
	Anders, G. 1965. Northern Fox Basin: an area economic survey. Industrial Division, Dep. of Indian Affairs and Northern Development.	-	Public
33-0003	Anderson, R.M. 1934. Mammals of the Eastern Arctic and Hudson Bay. Pages 67-108. *In:* W.C. Bethune (ed.). Canada's Eastern Arctic. Its history, resources, population and administration. Dep. of Interior, Lands, Northwest Territories and Yukon Branch. 166 p.	-	Public

Date Set I.D.	Reference	Status	Availability
37-0016	-	Post journals	Not known Hudson's Bay Company Archives Contact: Archivist
	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
38-0012	-	Post journals	Not known Hudson's Bay Company Archives Contact: Archivist
	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
39-0004	-	Post journals	Not known Hudson's Bay Company Archives Contact: Archivist
	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
	Mitchell, E.D. and R.R. Reeves. 1982. Factors affecting abundance of bowhead whales Balaena mysticetus in the eastern Arctic of North America, 1915-1980. Biological Conservation 22: 59-78.	-	Public

Date Set I.D.	Reference	Status	Availability
40-0010	Farrar, F.S. 1955. Arctic assignment; the story of the St. Roch. Macmillan, Toronto. 180 p.	-	Public
	Larsen, H.A. 1967. The big ship. McClelland and Stewart Ltd., Toronto. 223 p.	-	Public
	Larsen, H. 1969. The North-West Passage, 1940-1942 and 1944. The famous voyages of the Royal Canadian Mounted Police schooner St. Roch. The Queen's Printer, Ottawa. 51 p.	-	Public
	Royal Canadian Mounted Police. 1945. Reports and other papers relating to the two voyages of the Royal Canadian Mounted Police schooner St. Roch through the North West Passage from (1) Vancouver, B.C., to Sydney, N.S., (1940-42) (2) Dartmouth, N.S., to Vancouver, B.C., 1944. The King's Printer, Ottawa. 102 p.	-	Public
40-0012	-	Post journals	Not known Hudson's Bay Company Archives Contact: Archivist
	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
44-0002	Farrar, F.S. 1955. Arctic assignment; the story of the St. Roch. Macmillan, Toronto. 180 p.	-	Public
	Larsen, H. 1967. The big ship. McClelland and Stewart Ltd., Toronto. 223 p.	-	Public
	Larsen, H. 1969. The North-West Passage, 1940-1942 and 1944. The famous voyages of the Royal Canadian Mounted Police schooner St. Roch. The Queen's Printer, Ottawa. 51 p.	-	Public

Date Set I.D.	Reference	Status	Availability
44-0002 (con't)	Royal Canadian Mounted Police. 1945. Reports and other papers relating to the two voyages of the Royal Canadian Mounted Police schooner *St. Roch* through the North West Passage from (1) Vancouver, B.C., to Sydney, N.S., (1940-42) (2) Dartmouth, N.S., to Vancouver, B.C., 1944. The King's Printer, Ottawa. 102 p.	-	Public
46-0003	Duvall, A.J. and C.O. Handley, Jr. 1946. Report of a wildlife reconnaissance of the eastern Canadian Arctic. Can. Wildl. Serv. Rep. 239. 138 p.	-	Public
47-0005	Duvall, A.J. and C.O. Handley, Jr. 1948. Second wildlife reconnaissance of the eastern Canadian Arctic. Can. Wildl. Serv. Rep. 9. 168 p.	-	Public
49-0012	Hanson, H.C., P. Queneau and P. Scott. 1956. The geography, birds and mammals of the Perry River region. Arctic Institute of North America Special Publication 3. 96 p.	-	Public
49-0013	Gunn, W.W.H. 1949. Report on wildlife observations by arctic weather station re-supply mission, July 15 to September 7, 1949. (Unpublished manuscript).	-	Proprietary
50-0002	Lawrie, A. 1950. Field report of a biological reconnaissance of the eastern Canadian Arctic Archipelago July-Sept., 1950. Can. Wildl. Serv. Manuscript Report. 32 p.	-	Proprietary
52-0008	Manning, T.H. and A.H. Macpherson. 1958. The mammals of Banks Island. Arctic Institute of North America, Technical Paper 2. 74 p.	-	Public
52-0029	Loughrey, A.G. 1952. Wildlife observations. Ice reconnaissance flight-1952. Can. Wildl. Serv. (Unpublished manuscript). 11 p.	-	Public

Date Set I.D.	Reference	Status	Availability
53-0014	Manning, T.H. and A.H. Macpherson. 1958. The mammals of Banks Island. Arctic Institute of North America, Technical Paper 2. 74 p.	-	Public
54-0001	Bailey, W.B. 1957. Oceanographic features of the Canadian archipelago. J. Fish. Res. Board Can. 14: 731-769.	-	Public
54-0003	Neave, F. 1954. Western Arctic. Pages 165-166. *In:* Report of the Pacific Biological Station, Nanaimo.	-	Public
54-0033	Ellis, D.V. 1957. Some observations on mammals in the area between Coppermine and Pond Inlet, N.W.T., during 1954 and 1955. Can. Field-Nat. 71(1): 1-6.	-	Public
54-0034	Miller, R.S. 1955. A survey of the mammals of Bylot Island, Northwest Territories. Arctic 8: 167-176.	-	Public
54-0035	Solman, V.E.F. 1954. Wildlife reconnaissance, Arctic Islands, July 1954. Can. Wildl. Serv. (Unpublished manuscript). 7 p.	-	Public
54-0036	Mair, W.W. 1954. Summary report on data obtained during northern inspection flight, 3-22 April, 1954. Can. Wildl. Serv. (Unpublished manuscript).	-	Public
55-0037	Mansfield, A.W., T.G. Smith and B. Beck. 1975. The narwhal, *Monodon monoceros*, in eastern Canadian waters. J. Fish. Res. Board Can. 32: 1041-1046.	-	Public
55-0039	Banfield, A.W.F. 1955. Ice reconnaissance flights, 1955. Can. Wildl. Serv. (Unpublished manuscript). 3 p.	-	Public

Date Set I.D.	Reference	Status	Availability
56-0035	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Mitchell, E.D. and R.R. Reeves. 1982. Factors affecting abundance of bowhead whales Balaena mysticetus in the eastern Arctic of North America, 1915-1980. Biological Conservation 22: 59-78.	-	Public
57-0020	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Greendale, R.G. and C. Brousseau-Greendale. 1976. Observations of marine mammals at Cape Hay, Bylot Island during the summer of 1976. Fish. Mar. Serv. Tech. Rep. 680. 25 p.	-	Public
	Tuck, L.M. 1957. Wildlife investigations in the Cape Hay region, Lancaster Sound, 1957. Can. Wildl. Serv. Manuscript Report 760. 39 p.	-	Public
57-0043	Mansfield, A.W., T.G. Smith and B. Beck. 1975. The narwhal, Monodon monoceros, in eastern Canadian waters. J. Fish. Res. Board Can. 32: 1041-1046.	-	Public
58-0043	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield

Date Set I.D.	Reference	Status	Availability
58-0044	Manning, T.H. and A.H. Macpherson. 1961. A biological investigation of Prince of Wales Island, N.W.T. Trans. Royal Can. Inst. 33(2): 116-239.	-	Public
58-0045	Barry, T.W. 1961. Sea-bird colonies of Prince Leopold Island and vicinity. Can. Field-Nat. 75(2): 72-73.	-	Public
	Manning, T.H. and A.H. Macpherson. 1961. A biological investigation of Prince of Wales Island, N.W.T. Trans. Royal Can. Inst. 33(2): 116-239.	-	Public
59-0044	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
60-0065	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
61-0076	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
62-0005	Canadian Oceanographic Data Centre. 1963. Five Arctic surveys. Report 4, 1963. Data Record Series. 90 p.	-	Public

Date Set I.D.	Reference	Status	Availability
62-0005 (con't)	Sergeant, D.E. and P.F. Brodie. 1969. Body size in white whales, *Delphinapterus leucas*. J. Fish. Res. Board Can. 26: 2561-2580.	-	Public
62-0029	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Mansfield, A.W., T.G. Smith and B. Beck. 1975. The narwhal, *Monodon monoceros*, in eastern Canadian waters. J. Fish. Res. Board Can. 32: 1041-1046.	-	Public
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public
62-0065	Harrington, C.R. 1963. Polar bear study, Resolute Bay area, N.W.T., 1962. Can. Wildl. Serv. (Unpublished manuscript). 38 p.	-	Public
63-0021	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Mansfield, A.W., T.G. Smith and B. Beck. 1975. The narwhal, *Monodon monoceros*, in eastern Canadian waters. J. Fish. Res. Board Can. 32: 1041-1046.	-	Public
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public

Date Set I.D.	Reference	Status	Availability
64-0025	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Mansfield, A.W., T.G. Smith and B. Beck. 1975. The narwhal, *Monodon monoceros*, in eastern Canadian waters. *J. Fish. Res. Board Can.* 32: 1041-1046.	-	Public
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public
65-0024	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Mansfield, A.W., T.G. Smith and B. Beck. 1975. The narwhal, *Monodon monoceros*, in eastern Canadian waters. *J. Fish. Res. Board Can.* 32: 1041-1046.	-	Public
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public
65-0059	Anders, G. 1965. Northern Foxe Basin: an area economic survey. Industrial Division, Dep. of Indian Affairs and Northern Development.	-	Public

Date Set I.D.	Reference	Status	Availability
66-0024	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Mansfield, A.W., T.G. Smith and B. Beck. 1975. The narwhal, *Monodon monoceros*, in eastern Canadian waters. *J. Fish. Res. Board Can.* 32: 1041-1046.	-	Public
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public
66-0059	Bissett, D. 1967. Northern Baffin Island: an area economic survey. Dep. of Indian Affairs and Northern Development, Ottawa. 131 p.	-	Public
67-0027	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Mansfield, A.W., T.G. Smith and B. Beck. 1975. The narwhal, *Monodon monoceros*, in eastern Canadian waters. *J. Fish. Res. Board Can.* 32: 1041-1046.	-	Public
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public
67-0045	Bissett, D. 1967. Northern Baffin Island: an area economic survey. Dep. of Indian Affairs and Northern Development, Ottawa, 131 p.	-	Public

Date Set I.D.	Reference	Status	Availability
67-0045 (con't)	Bissett, D. 1968. Resolute: an area economic survey. Dep. of Indian Affairs and Northern Development, Ottawa, 131 p.	-	Public
68-0032	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Mansfield, A.W., T.G. Smith and B. Beck. 1975. The narwhal, Monodon monoceros, in eastern Canadian waters. J. Fish. Res. Board Can. 32: 1041-1046.	-	Public
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public
68-0066	Villiers, D. 1968. The Central Arctic: an area economic survey. Industrial Division, Dep. of Indian Affairs and Northern Development, Ottawa. 189 p.	-	Public
69-0037	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Mansfield, A.W., T.G. Smith and B. Beck. 1975. The narwhal, Monodon monoceros, in eastern Canadian waters. J. Fish. Res. Board Can. 32: 1041-1046.	-	Public
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public

Date Set I.D.	Reference	Status	Availability
70-0038	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public
71-0047	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public
71-0103	-	Audiotapes	Not known Freshwater Institute Contact: Not known
	Read, C.J. and S.E. Stephansson. 1976. Distribution and migration routes of marine mammals in the Central Arctic Region. Fish. Mar. Serv. Tech. Rep. 667. 13 p.	-	Public
72-0105	Schweinsburg, R.E., D.J. Furnell and S.J. Miller. 1981. Abundance, distribution and population structure of polar bears in the lower central Arctic Islands. Northwest Territories Wildl. Serv. 80 p.	-	Public

Date Set I.D.	Reference	Status	Availability
72-0111	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
73-0117	-	Films, Photographs	Not known Freshwater Institute Contact: J.T. Strong
	Heyland, J.D. 1974. Aspects of the biology of beluga (*Delphinapterus leucas* Pallas) interpreted from vertical aerial photographs. Pages 373-390. *In*: G.E. Thompson (ed.). Second Canadian Symposium on Remote Sensing. Dep. of Energy, Mines and Resources, Ottawa.	-	Public
73-0118	Sergeant, D.E. and P.F. Brodie. 1975. Identity, abundance, and present status of populations of white whales, *Delphinapterus leucas*, in North America. J. Fish. Res. Board Can. 32: 1047-1054.	-	Public
73-0120	Schweinsburg, R.E., D.J. Furnell and S.J. Miller. 1981. Abundance, distribution and population structure of polar bears in the lower central Arctic islands. Northwest Territories Wildl. Serv. 80 p.	-	Public
73-0123	Stirling, I. 1974. Midsummer observations on the behaviour of wild polar bears (*Ursus maritimus*). Can. J. Zool. 52: 1191-1198.	-	Public
73-0127	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public

Date Set I.D.	Reference	Status	Availability
74-0054	Fallis, B.W., W.E. Klenner and J.B. Kemper. 1983. Narwhal surveys and associated marine mammal observations in Admiralty Inlet, Navy Board Inlet, and Eclipse Sound, Baffin Island, N.W.T., during 1974-1976. Can. Tech. Rep. Fish. Aquat. Sci. 1211. 20 p.	-	Public
74-0111	Hay, K. and R. McClung. 1976. Observations on beluga and narwhal in the Canadian high Arctic, summer, 1974. Fish. Res. Board Can., Manuscript Report Series 1385. 55 p.	-	Public
	Heyland, J.D. and K. Hay. 1976. An attack by a polar bear on a juvenile beluga. Journal of Arctic Institute of North America 29(1): 56-57.	-	Public
	Sergeant, D.E. and P.F. Brodie. 1975. Identity, abundance and present status of populations of white whales, Delphinapterus leucas, in North America. J. Fish. Res. Board Can. 32: 1047-1054.	-	Public
	Smith, T.G., M.O. Hammill, D.J. Burrage and G.A. Sleno. 1985. Distribution and abundance of belugas, Delphinapterus leucas, and narwhals, Monodon monoceros, in the Canadian high Arctic. Can. J. Fish. Aquat. Sci. 42: 676-684.	-	Public
74-0113	Jonkel, C.J. 1976. Lancaster Sound-Admiralty Inlet polar bear studies. Progress rep. to Strathcona Sound Project. Dep. of Indian and Northern Affairs, Ottawa. 22 p.	-	Not known
74-0114	Schweinsburg, R.E., D.J. Furnell and S.J. Miller. 1981. Abundance, distribution and population structure of polar bears in the lower central Arctic Islands. Northwest Territories Wildl. Serv. 80 p.	-	Public

Date Set I.D.	Reference	Status	Availability
74-0116	Finley, K.J., R.A. Davis and W.J. Richardson. 1974. Preliminary studies of the numbers and distribution of marine mammals in the central Canadian Arctic - 1974. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 68 p.	-	Public
74-0120	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public
	Reeves, R.R. 1976. Narwhals: another endangered species. Can. Geogr. J. 92: 12-19.	-	Public
75-0075	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J. 1976. Studies of the status of marine mammals in the central district of Franklin, N.W.T., June-August, 1975. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 183 p.	-	Public
75-0076	-	Not known	Not known Arctic Biological Station Contact: D.E. Sergeant Dep. of Fisheries & Oceans (St. John's, Newfoundland) Contact: K. Hay

Date Set I.D.	Reference	Status	Availability
75-0076 (con't)	Hay, K. 1984. The life history of the narwhal (*Monodon monoceros* L.) in the eastern Canadian Arctic. Ph.D. thesis, McGill University.	-	Public
	Hay, K. and D.E. Sergeant. 1976. Interim Technical Report. Arctic Whale Project. Environmental-Social Program. Northern Pipelines (Arctic Islands Pipeline). (Unpublished manuscript). 41 p.	-	Public
	Mitchell, E.D. and R.R. Reeves. 1982. Factors affecting abundance of bowhead whales *Balaena mysticetus* in the eastern Arctic of North America, 1915-1980. Biological Conservation 22: 59-78.	-	Public
75-0077	Fallis, B.W., W.E. Klenner and J.B. Kemper. 1983. Narwhal surveys and associated marine mammal observations in Admiralty Inlet, Navy Board Inlet, and Eclipse Sound, Baffin Island, N.W.T., during 1974-1976. Can. Tech. Rep. Fish. Aquat. Sci. 1211. 20 p.	-	Public
75-0127	-	Computer files	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G., K. Hay, D. Taylor and R. Greendale. 1978. Ringed seal breeding habitat in Viscount Melville Sound, Barrow Strait, and Peel Sound. Arctic Islands Pipeline Program Report. 85 p.	-	Public
75-0129	Kemper, B. (ed.). 1976. Environmental baseline studies. 1975 Strathcona Sound Program. Can. Wildl. Serv. Report. 96 p.	-	Public

Date Set I.D.	Reference	Status	Availability
75-0129 (con't)	Schweinsburg, R.E., D.J. Furnell and S.J. Miller. 1981. Abundance, distribution and population structure of polar bears in the lower central Arctic Islands. Northwest Territories Wildl. Serv. 80 p.	-	Public
75-0130	Kiliaan, H.P. 1975. Polar bear tagging, 13 March -3 May 1975, Peel Sound-Prince Regent Inlet. Can. Wildl. Serv., Polar Bear Project Special Report 96. 14 p.	-	Public
75-0131	Stepney, P.H.R. and R.L. Wooley. 1975. Survey of marine mammals of Lancaster Sound, October 1975. Unpubl. Renewable Resources Consulting Services Ltd. rep. for Norlands Petroleums Ltd. 55 p.	-	Public
75-0134	Daborn, G.R. 1975. Preliminary report of the IVth Arcadia Arctic Biology Expedition, 6 August -19 September 1975. (Unpublished manuscript).	-	Not known
75-0135	Nettleship, D.N. 1977. Studies of seabirds at Prince Leopold Island and vicinity, Northwest Territories. Preliminary report of biological investigations in 1975. Can. Wildl. Serv. Progress Notes 73. 11 p.	-	Public
75-0136	Mitchell, E. 1977. Canadian progress report on whale research - June 1975 to May 1976. Rep. int. Whal. Commn 27: 73-85.	-	Public
76-0064	Greendale, R.G. and C. Brousseau-Greendale. 1976. Observations of marine mammals at Cape Hay, Bylot Island during the summer of 1976. Fish. Mar. Serv. Tech. Rep. 680. 25 p.	-	Public

Date Set I.D.	Reference	Status	Availability
76-0065	-	Computer files	Not known Arctic Biological Station Contact: D.E. Sergeant Dep. of Fisheries & Oceans (St. John's, Newfoundland) Contact: K. Hay
	Hay, K. 1976. Preliminary report on narwhal studies in northern Baffin Island, summer 1976. Fish. Res. Board Manuscript Report. 8 p.	-	Public
	Hay, K. 1984. The life history of the narwhal (*Monodon monoceros* L.) in the eastern Canadian Arctic. Ph.D. thesis, McGill University.	-	Public
	Hay, K. and D.E. Sergeant. 1976. Interim Technical Report. Arctic Whale Project. Environmental-Social Program. Northern Pipelines (Arctic Islands Pipeline). (Unpublished manuscript). 41 p.	-	Public
	Sergeant, D.E. and K. Hay. 1977. Observations on the distribution and abundance of sea mammals, particularly the narwhal, in northern Baffin Island. Arctic Islands Pipeline Program Preliminary Report. 9 p.	-	Public
76-0066	Fallis, B.W., W.E. Klenner and J.B. Kemper. 1983. Narwhal surveys and associated marine mammal observations in Admiralty Inlet, Navy Board Inlet, and Eclipse Sound, Baffin Island, N.W.T., during 1974-1976. Can. Tech. Rep. Fish. Aquat. Sci. 1211. 20 p.	-	Public

Date Set I.D.	Reference	Status	Availability
76-0066 (con't)	Schweinsburg, R.E., D.J. Furnell and S.J. Miller. 1981. Abundance, distribution and population structure of polar bears in the lower central Arctic Islands. Northwest Territories Wildl. Serv. 80 p.	-	Public
76-0107	-	Computer files	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G., K. Hay, D. Taylor and R. Greendale. 1978. Ringed seal breeding habitat in Viscount Melville Sound, Barrow Strait, and Peel Sound. Arctic Islands Pipeline Program Report. 85 p.	-	Public
76-0109	R. Webb Environmental Services Ltd. 1976. Sea mammal surveys in Baffin Bay and Davis Strait, September 1976. Unpubl. rep. for Shell Canada Resources Ltd., Calgary. 34 p.	-	Not known
76-0110	Nettleship, D.N. and A.J. Gaston. 1978. Patterns of pelagic distribution of seabirds in western Lancaster Sound and Barrow Strait, Northwest Territories, in August and September 1976. Can. Wildl. Serv. Occasional Paper 39. 40 p.	-	Public
76-0111	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Johnson, S.R., W.E. Renaud, R.A. Davis and W.J. Richardson. 1976. Marine mammals recorded during aerial surveys of birds in eastern Lancaster Sound, 1976. Unpubl. LGL Ltd. rep. for Norlands Petroleums Ltd., Calgary. 180 p.	-	Public

Date Set I.D.	Reference	Status	Availability
76-0112	Renewable Resources Consulting Services Ltd. 1977. Aerial surveys of marine mammals of Lancaster Sound, 1975-76. Unpubl. rep. for Norlands Petroleums Ltd., Calgary. 100 p.	-	Public
76-0113	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J. and W.G. Johnston. 1977. An investigation of the distribution of marine mammals in the vicinity of Somerset Island with emphasis on Bellot Strait, August-September 1976. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 91 p.	-	Public
76-0114	Mitchell, E. 1978. Canadian progress report on whale research - June 1976 to May 1977. Rep. int. Whal. Commn 28: 95-99.	-	Public
76-0115	-	Not known	Not known Univ. of Arkansas Contact: A. McCartney
	Mitchell, E. 1978. Canadian progress report on whale research - June 1976 to May 1977. Rep. int. Whal. Commn 28: 95-99.	-	Public
76-0116	Mitchell, E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. Rep. int. Whal. Commn 31: 645-682.	-	Public

Date Set I.D.	Reference	Status	Availability
77-0015	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J. 1979. Haul-out behaviour and densities of ringed seals (*Phoca hispida*) in the Barrow Strait area, N.W.T. *Can. J. Zool.* 57: 1985-1997.	-	Public
	Thomson, D., W.E. Cross, H. Bain and L. Patterson. 1978. Aspects of the spring and summer marine environment of Brentford Bay, Boothia Peninsula, N.W.T. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 203 p.	-	Public
77-0016	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	McLaren, M.A. and W.E. Renaud. 1977. Numbers and distribution of marine mammals along the coast of southeastern Melville Island, July-August 1977. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary. 18 p.	-	Public
77-0113	-	Computer files	Not known Arctic Biological Station Contact: T.G. Smith
	Sleno, G.A. and A.W. Mansfield. 1978. Aerial photography of marine mammals using a radio-controlled model aircraft. Fish. Mar. Serv. Manuscript Report Series 1457. 7 p.	-	Public

Date Set I.D.	Reference	Status	Availability
77-0113 (con't)	Smith, T.G., M.O. Hammill, D.J. Burrage and G.A. Sleno. 1985. Distribution and abundance of belugas, *Delphinapterus leucas*, and narwhals, *Monodon monoceros*, in the Canadian high Arctic. Can. J. Fish. Aquat. Sci. 42: 676-684.	-	Public
77-0114	Mitchell, E. 1979. Canadian progress report on cetacean research - June 1977 to May 1978. Rep. int. Whal. Commn 29: 111-114.	-	Public
77-0115	Mitchell, E. 1979. Canadian progress report on cetacean research - June 1977 to May 1978. Rep. int. Whal. Commn 29: 111-114.	-	Public
77-0116	Schweinsburg, R.E., D.J. Furnell and S.J. Miller. 1981. Abundance, distribution and population structure of polar bears in the lower central Arctic Islands. Northwest Territories Wildl. Serv. 80 p.	-	Public
78-0106	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J. and W.E. Renaud. 1980. Marine mammals inhabiting the Baffin Bay North Water in winter. Arctic 33: 724-738.	-	Public
78-0107	Schweinsburg, R.E., D.J. Furnell and S.J. Miller. 1981. Abundance, distribution and population structure of polar bears in the lower central Arctic Islands. Northwest Territories Wildl. Serv. 80 p.	-	Public
78-0108	-	Computer files	Public LGL Ltd. Contact: R.A. Davis

Date Set I.D.	Reference	Status	Availability
78-0108 (con't)	Koski, W.R. and R.A. Davis. 1979. Distribution of marine mammals in northwest Baffin Bay and adjacent waters, May-October 1978. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary. 305 p.	-	Public
78-0109	Mitchell, E. 1980. Canada - progress report on cetacean research - June 1978 to May 1979. Rep. int. Whal. Commn 30: 145-151.	-	Public
78-0110	Mitchell, E. 1980. Canada - progress report on cetacean research - June 1978 to May 1979. Rep. int. Whal. Commn 30: 145-151.	-	Public
79-0067	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Koski, W.R. 1980. Distribution and migration of marine mammals in Baffin Bay and eastern Lancaster Sound, May-July 1979. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary. 317 p.	-	Public
79-0109	Greendale, R.G. and D.E. Kerr. 1979. Sightings of marine mammals at Cape Hay, Bylot Island during the summer of 1979. Arctic Biological Station, Ste-Anne de Bellevue. (Unpublished manuscript).	-	Proprietary
79-0110	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Koski, W.R. and R.A. Davis. 1980. Studies of the late summer distribution and fall migration of marine mammals in NW Baffin Bay and E Lancaster Sound, 1979. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary. 214 p.	-	Public

Date Set I.D.	Reference	Status	Availability
79-0111	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Koski, W.R. 1980. Distribution of marine mammals in the Canadian central high Arctic, July-September 1979. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary and Arctic Biological Station, Ste-Anne de Bellevue. 107 p.	-	Public
79-0112	Mitchell, E. 1981. Canada - progress report on cetacean research - June 1979 to May 1980. Rep. int. Whal. Commn 31: 171-179.	-	Public
79-0113	Mitchell, E. 1981. Canada - progress report on cetacean research - June 1979 to May 1980. Rep. int. Whal. Commn 31: 171-179.	-	Public
80-0024	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
80-0030	-	Field notes	Public Canadian Wildlife Service Contact: T.W. Barry
80-0103	-	Computer files Audiotapes	Not known Arctic Biological Station Contact: T.G. Smith

Date Set I.D.	Reference	Status	Availability
80-0103 (con't)	Smith, T.G., M.O. Hammill, D.J. Burrage and G.A. Sleno. 1985. Distribution and abundance of belugas, *Delphinapterus leucas*, and narwhals, *Monodon monoceros*, in the Canadian high Arctic. *Can. J. Fish. Aquat.* Sci. 42: 676-684.	-	Public
80-0104	Mitchell, E. 1982. Canada - progress report on cetacean research - June 1980 to May 1981. Rep. int. Whal. Commn 32: 161-169.	-	Public
81-0024	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
81-0100	-	Photographs Audiotapes Computer files	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G., M.O. Hammill, D.J. Burrage and G.A. Sleno. 1985. Distribution and abundance of belugas, *Delphinapterus leucas*, and narwhals, *Monodon monoceros*, in the Canadian high Arctic. *Can. J. Fish. Aquat.* Sci. 42: 676-684.	-	Public
82-0011	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley

Date Set I.D.	Reference	Status	Availability
82-0098	-	Photographs Audiotapes	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G., M.O. Hammill, D.J. Burrage and G.A. Sleno. 1985. Distribution and abundance of belugas, *Delphinapterus leucas*, and narwhals, *Monodon monoceros*, in the Canadian high Arctic. *Can. J. Fish. Aquat. Sci.* 42: 676-684.	-	Public
82-0104	-	Audiotapes Field sheets	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J., C.R. Greene and R.A. Davis. 1983. A study of ambient noise, ship noise, and the reactions of narwhals and belugas to the MV *Arctic* breaking ice in Admiralty Inlet, N.W.T. - 1982. LGL Ltd. rep. for Dep. of Indian Affairs and Northern Development, Ottawa. 108 p.	-	Public
83-0048	-	Field sheets Computer printouts	Proprietary Freshwater Institute Contact: J.T. Strong
83-0049	-	Data sheets Photographs	Proprietary Freshwater Institute Contact: J.T. Strong

Date Set I.D.	Reference	Status	Availability
83-0050	-	Photographs	Proprietary Univ. of Manitoba Contact: R.R. Riewe or L. Dueck
	World Wildlife Fund. 1983. Whales beneath the ice: an arctic conservation strategy. Progress Report 1. 12 p.	-	Public
83-0052	-	Photographs Computer files	Proprietary Arctic Biological Station Contact: T.G. Smith
	World Wildlife Fund. 1983. Whales beneath the ice: an arctic conservation strategy. Progress Report 1. 12 p.	-	Public
83-0055	-	Audiotapes Field sheets	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J., G.W. Miller, R.A. Davis and C.R. Greene. 1984. Responses of narwhals (Monodon monoceros) and belugas (Delphinapterus leucas) to ice-breaking ships in Lancaster Sound - 1983. Dep. of Indian Affairs and Northern Development. 117 p.	-	Public
84-0004	-	Field sheets	Proprietary Freshwater Institute Contact: R. Stewart

Date Set I.D.	Reference	Status	Availability
84-0024	-	Field sheets	Proprietary Freshwater Institute Contact: M.C.S. Kingsley
84-0025	-	Photographs Data sheets	Proprietary Freshwater Institute Contact: J.T. Strong
84-0026	-	Photographs	Proprietary Univ. of Manitoba Contact: R.R. Riewe or L. Dueck
	World Wildlife Fund. 1984. Whales beneath the ice: an arctic conservation strategy. Progress Report 2. 12 p.	-	Public
84-0027	-	Audiotapes Computer files	Proprietary Arctic Biological Station Contact: T.G. Smith
	World Wildlife Fund. 1984. Whales beneath the ice: an arctic conservation strategy. Progress Report 2. 12 p.	-	Public
84-0028	-	Field notes	Proprietary Arctic Biological Station Contact: E. Mitchell

Date Set I.D.	Reference	Status	Availability
84-0031	-	Field sheets	Public LGL Ltd. Contact: R.A. Davis
	Miller, G.W. and R.A. Davis. 1984. Distribution and movements of narwhals and beluga whales in response to ship traffic at the Lancaster Sound ice edge - 1984. Dep. of Indian Affairs and Northern Development. 34 p.	-	Public

APPENDIX 1

REMARKS BY DATA SET NUMBER

This appendix contains brief comments specific to one or two data sets. Some are general comments about the entire study; others are supplementary comments to the "Rating" column of Data Inventory Table 2. If all pertinent comments about a particular data set are given in the data inventory tables, that data set is not listed in this appendix.

03-0004

Low (1906) contains additional information on bowhead morphometrics, movements, and behaviour not listed in the data inventory tables because this information was probably obtained outside the Northwest Passage area's boundaries.

21-0001

Where and how whale data were collected is not indicated in Degerbol & Freuchen (1935), so subjective judgment was used in filling out the data tables. Some information on narwhals indicated in the data inventory tables may have been obtained outside the area's boundaries. Information on white whale age, reproduction, food, movements, and behaviour not listed in the data inventory tables may have been obtained within the area.

38-0012

The sighting of a large school of "porpoise" seen in Admiralty Inlet on September 14, 1938 is not indicated in this data set because the species was not clearly indicated.

40-0010

Farrar (1955) and Larsen (1967) give different accounts (both of species and number of whales) of the whale entrapment by ice on August 29, 1942 near Bellot Strait.

46-0003

Species of carcass may have been identified using only information on size.

54-0036

Mair (1954) is only available in poor quality microfiche. This data set may contain information in addition to that given in the data inventory tables.

55-0039

The only study method indicated in Banfield (1955) is reconnaissance aerial survey; the information listed in the Data Inventory Tables 1 and 2 could be from incidental reports.

57-0020

The observation period may have been continuous; however, Tuck (1957) indicates counts were made for 15 minutes/hour and then extrapolated on days when many marine mammals were seen.

74-0116

Some of the transect numbers listed in the tables are not indicated on the maps.

78-0106

Finley and Renaud (1980) indicate that information on age, sex, movements, and behaviour were recorded, but no details are provided.

78-0108

A third observer was present during most of the surveys so the data include the information needed to calculate observer variability.

78-0110

Bowhead periotics and white whale skulls were collected, but no details on specific measurements obtained are provided. Mitchell (1980) questions whether or not the behaviours seen (unspecified) were mating behaviours.

79-0067

A third observer was present during most of the surveys so the data include the information needed to calculate observer variability.

79-0110

A third observer was present during most of the surveys so the data include the information needed to calculate observer variability.

79-0111

A third observer was present during most of the surveys so the data include the information needed to calculate observer variability.

82-0104

In some instances, species can not be indicated for some of the calls because both narwhals and white whales were in the same area.

APPENDIX 2

ADDRESSES OF INSTITUTIONS HAVING ORIGINAL WHALE DATA

INSTITUTION	CONTACT
Arctic Biological Station Dep. of Fisheries & Oceans 555 St. Pierre Blvd. Ste-Anne de Bellevue, Quebec H9X 3R4	Dr. A.W. Mansfield Dr. E. Mitchell Dr. D.E. Sergeant Dr. T.G. Smith
Canadian Wildlife Service 5320-122nd Street Edmonton, Alberta T6H 3S5	Dr. T.W. Barry
Dep. of Fisheries & Oceans P.O. Box 5667 St. Johns, Newfoundland A1C 5X1	Dr. K.A. Hay
Freshwater Institute Dep. of Fisheries & Oceans 501 University Crescent Winnipeg, Manitoba R3T 2N6	Mr. M.C.S. Kingsley Dr. R. Stewart Mr. J.T. Strong
Hudson's Bay Company Archives Hudson's Bay House 77 Main Street Winnipeg, Manitoba R3C 3H1	Archivist
LGL Limited 22 Fisher Street P.O. Box 457 King City, Ontario L0G 1K0	Dr. R.A. Davis
University of Arkansas Fayetteville, Arkansas U.S.A. 72701	Dr. A. McCartney
University of Manitoba Winnipeg, Manitoba R3T 2N2	Dr. R.R. Riewe Mr. L. Dueck

OTHER PUBLISHED CATALOGUES IN THE ADCAP SERIES

Cornford, A.B., D.D. Lemon, D.B. Fissel, H. Melling, B.D. Smiley, R.H. Herlinveaux and R.W. Macdonald. 1982. Arctic Data Compilation and Appraisal. Volume 1. Beaufort Sea: Physical Oceanography--Temperature, Salinity, Currents and Water Levels. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 1, 279 p.

Thomas, D.J., R.W. Macdonald and A.B. Cornford. 1982. Arctic Data Compilation and Appraisal. Volume 2. Beaufort Sea: Chemical Oceanography. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 2, 243 p.

Birch, J.R., D.B. Fissel, D.D. Lemon, A.B. Cornford, R.A. Lake, B.D. Smiley, R.W. Macdonald and R.H. Herlinveaux. 1983. Arctic Data Compilation and Appraisal. Volume 3. Northwest Passage: Physical Oceanography--Temperature, Salinity Currents and Water Levels. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 3, 262 p.

Thomas, D.J., R.W. Macdonald, A.G. Francis, V. Wood and A.B. Cornford. 1983. Arctic Data Compilation and Appraisal. Volume 4. Northwest Passage: Chemical Oceanography. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 4, 200 p.

Birch, J.R., D.B. Fissel, D.D. Lemon, A.B. Cornford, R.H. Herlinveaux, R.A. Lake and B.D. Smiley. 1983. Arctic Data Compilation and Appraisal. Volume 5. Baffin Bay: Physical Oceanography--Temperature, Salinity, Currents and Water Levels. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 5, 372 p.

Fissel, D.B., L. Cuypers, D.D. Lemon, J.R. Birch, A.B. Cornford, R.A. Lake, B.D. Smiley, R.W. Macdonald and R.H. Herlinveaux. 1983. Arctic Data Compilation and Appraisal. Volume 6. Queen Elizabeth Islands: Physical Oceanography--Temperature, Salinity, Currents and Water Levels. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 6, 214 p.

Birch, J.R., D.B. Fissel, A.B. Cornford and H. Melling. 1984. Arctic Data Compilation and Appraisal. Volume 7. Canada Basin-Arctic Ocean: Physical Oceanography--Temperature, Salinity, Currents and Water Levels. Cdn. Data Report Hydrogr. Ocean Sciences, No. 5, Vol. 7, 624 p.

Harwood, L.A., L.A. Turney, L. de March, B.D. Smiley and P. Norton. 1986. Arctic Data Compilation and Appraisal. Volume 8. Beaufort Sea: Biological Oceanography--Seals, 1826-1985. Cdn. Data Report Hydrogr. Ocean Sciences, No. 5, Vol. 8, (Part 1, 352 p.; Part 2, 301 p.)

Woods, S. and B.D. Smiley. 1987. Arctic Data Compilation and Appraisal. Volume 9. Beaufort Sea: Biological Oceanography--Bacteria, Plankton and Epontic Community, 1914 through 1985. Cdn. Data Report Hydrogr. Ocean Sciences, No. 5. Vol. 9, 412p.

Norton, P., B.D. Smiley and L. de March. 1987. Arctic Data Compilation and Appraisal. Volume 10. Beaufort Sea: Biological Oceanography--Whales, 1848-1983. Cdn. Data Report Hydrogr. Ocean Sciences, No. 5. Vol. 10, 407p.

Wainwright, P.F., B.D. Smiley and A. Blyth. 1987. Arctic Data Compilation and Appraisal. Volume 11. Beaufort Sea: Biological Oceanography--Marine Zoobenthos, 1914 to 1986. Can. Data Rep. Hydrogr. Ocean Sci. No. 5. Vol. 11, 367p.

Birch, J.R., D.D. Lemon, D.B. Fissel and H. Melling. 1987. Arctic Data Compilation and Appraisal. Volume 12. Beaufort Sea: Physical Oceanography--Currents, Water Levels and Waves, 1914 to 1986 (revised and updated Volume 1). Can. Data Rep. Hydrogr. Ocean Sci. No. 5. Vol. 12, 459p.